THE CHRISTIAN SCIENCE MONITOR

AN INTERNATIONAL DAILY NEWSPAPER

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7 DAYS' TRIP TO MINES CUT TO 45 MINUTES

Fleet of Airplanes Perform the Work of 2000 Natives

DAILY VISITS PAID BY NEW GUINEA FLIERS

Five Impecunious Men Peg Claims and Strike Rich Gold

SPECIAL FROM MONITOR BUREAU

LONDON — The air transport is playing a unique and invaluable part in the successful development of the rich Eddie Creek and Bulolo gold mines of British New Guinea.

The arduous and hazardous seven-day journey on foot from the mines to the nearest seaport, over precipitous mountains, through the tangled foliage of almost impenetrable jungle and round 1000-foot river gorges, has been reduced to a simple flight of scarcely 45 minutes.

As the crow flies, a bare 40 miles separates Salamoa, the thriving harbor town, so picturesque in name and surroundings, where life pulsates round the work of gold getting, from the towering mountain peaks hiding their unknown wealth of precious glittering metal.

Before 1926 more than 2000 native boys were constantly employed in carrying machinery and supplies to Eddie Creek and Bulolo, and in carrying back gold for shipment. Each boy's load consisted of a 50-pound pack which was often lost or damaged in the treacherous tramp over mountains or in negotiating torrential rivers.

Fleet of Airplanes Used

A fleet of triple-engined airplanes now operates between the airdrome of Salamoa and Wau, an outpost near the gold fields at a height of 3500 feet. There is another service to Wau from Lae, headquarters of the Guinea Airways, Ltd., which stands across the Huon Gulf opposite Salamoa. Sheets of galvanized iron, sluicing pipes in short lengths, a wireless station in sections, oil engines, pumps, rice in 50-pound and 100-pound bags, and livestock are examples of the freight which has been carried up to the mountain settlement in the twinkling of an eye. All the mining plant is thus being assembled by means of these planes, which are each capable of carrying seven tons of cargo, exclusive of passengers.

The natives are not in the least afraid of traveling by air. They call

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U. S. Airway Lines Mileage Is 49,425; Europe's Is 72,084

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

WASHINGTON, Jan. 16—Tremendous advance in world-wide air travel is cited today by the aeronautics trade division of the Department of Commerce, which presents figures showing that Europe, Africa and Australia operate almost twice the distance in operation by American companies.

Europe had 72,084 miles in operation on Jan. 1, Africa, 3769, and Australia, 9458. On the same date the United States had 49,425 miles of airways in operation, including routes extending into foreign territory.

The European total shows an increase of approximately 100 per cent since 1927, and the steady development, like that in the United States, was brought about by greater efficiency resulting from improved equipment and more systematic operation. Although several night air mail lines were extended during the year, the United States continues to lead in that phase of travel.

Of the 72,084 miles of air line routes under schedule in European countries, 9865 miles represent routes operated by coöperative arrangements between companies of different nationalities. The remaining 62,219 miles cover the routes operated independently by European companies.

Germany leads in domestic mileage, the Deutsche Lufthansa operating 7166 of the total 9865 miles of routes within her boundaries. France has the greatest mileage of the foreign nations, accounting for 18,542 miles. This includes a system operated in South America, but connected to the home routes by an air route down the west coast of Africa to Dakar and by steamer transportation across the South Atlantic to Natal, Brazil. Services across the Mediterranean from France to the African mainland are operated from Marseilles to Algiers and from Marseilles to Bône, Algiers, via Ajaccio, Sardinia, and Tunis.

The Netherlands attained a leading position last September with the inauguration of a line from Amsterdam to Bandong, Java, a distance of 9195 miles. The East Indies line, the longest in the world, brings the Netherlands colonies within 12 days of Amsterdam

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Maori vs. French, New Zealand Topic

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

Auckland, N. Z.

THAT the teaching of Maori was more important to a New Zealander than French was the view maintained by H. Atmore, Minister of Education, when asked by members of the Federation of Teachers to have the Maori language included as a subject for teachers' examinations. Mr. Atmore declared his opinion that not more than 2 per cent of New Zealanders would ever need a knowledge of French. He added that they would speak better English if they knew more Maori.

Teachers pointed out that increasing interest was being taken in Maori, the exceptional purity of its vowel sounds rendering it a help to the correct pronunciation of English.

Ancient Race Is Traced From Arizona Relics

Civilization Dating to 500 B. C. Indicated in Gila Valley Finds

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

LOS ANGELES—Centuries ago, a civilized race of people lived in the Gila Valley in Arizona, discoveries made by the Los Angeles Museum would indicate.

A field party sent out by the museum has discovered the remains of a group of villages which archaeologists believe were the homes of a people that had migrated from the powerful and cultured nations of Mexico and Central America. The discoveries show a high state of culture and indicate a contact with the highest Indian civilizations dating back to a period as early as 500 B. C.

Some of these southern people pushed out slowly from their homes in Mexico or Central America and made their way northward, Artpur Woodward, curator of history at the museum, believes. After traveling many hundred miles they came to the Gila Valley and settled there.

With them, they carried the small implements needed in their cultivated life, mirrors, paint palettes—all bearing the symbols of a long established civilization. From these discoveries of the things left behind, other articles were constructed and decorated with designs influenced by the map animals, birds, and reptiles which they encountered upon the long trek northward.

It is the presence of these unusual implements in the remains of the old villages that leads archaeologists to believe they have lifted another shroud from the mystery of early American history.

House types discovered are of the most primitive character: being little more than holes dug into the ground for a few feet and plastered with mud. A superstructure of woven reeds, also plastered with mud, completed the living quarters. The floors were hard and smoothly made of stamped clay. Pottery urns and bowls, accompanied by offerings, have been found near the houses.

Yet, although the evidence of the ruins is primitive, archaeologists in the museum believe that they have found a connection between these Gila people and the complex civilizations far to the south.

BANKERS ADVISE HELP OF FRENCH IN BRITISH LOAN

Subject Under Consideration by Treasury Officials, It Is Reported

BY RADIO FROM MONITOR BUREAU

LONDON, Jan. 16—The question of French participation in the redemption loan which will shortly have to be issued by Britain is understood to be one of the subjects now under discussion between French and British Treasury officials here.

Conversations which reopened today started originally at Paris Jan. 2. The primary object of the talks is how the outflow of gold from Britain to France can be stopped.

With this end in view the Bank of France recently reduced its rate to 2 per cent, the lowest figure ever known, and also agreed to accept standard gold instead of refined gold, thus obviating the necessity of special refining when British gold was sent to France.

These measures, however, mainly concern the central banks of the two countries, not the Treasuries. Though they have resulted in an improvement of exchange and it is now no longer profitable to ship gold from London to Paris, further measures are still necessary to consolidate the position and it is these which are being considered by Treasury experts.

It is widely held by bankers and economists that the most efficacious step that could be taken at the moment would be not merely to invite the French to subscribe to the redemption loan through London bankers, but actually to issue a portion of the loan in Paris, and probably New York, too, so the public could participate also. Though Treasury officials refuse to discuss the matter, there is good reason to believe this subject is the chief one now being thrashed out behind closed doors at Whitehall.

Despite a weighty speech by Arthur Balfour yesterday, in which he declared there was adequate gold in the bank of England to enable the British banking system to provide adequate credits, discussion of gold supplies is generally accepted here as the principal reason for the present trade depression.

Sir Arthur Balfour, Sheffield industrialist, chairman of the Government committee on industry and trade, on the other hand, speaking in Westminster at London declared the most urgent need of the situation was a reasonable settlement of allied debts and reparations.

Reich Minister Urges Optimism to Meet Crisis

BY RADIO TO THE CHRISTIAN SCIENCE MONITOR

BERLIN—Reasonably moderate optimism will help Germans to overcome their difficulties, Hermann Dietrich, Minister of Finance, told the Budget Commission of the Reichstag.

The present dire conditions, Herr Dietrich continued, could not last forever. He warned against painting conditions in black, for such somber speeches only suffocated every desire for enterprise. Such words mark a decided change of thought in Germany as compared with conditions prevailing here the last year, when Germany was almost swamped in pessimism.

Herr Dietrich announced that, despite the most careful calculation, the loss in tax revenues for the budget year ending March 31 would be 700,000,000 marks instead of 600,000,000 marks and, if business did not improve during the next budget year, the tax revenues might be 200,000,000 to 300,000,000 marks less than the figure estimated for that year.

Benefits of Prohibition Cited on Anniversary of Amendment

Many Economic and Social Advantages Under Dry Law Are Listed by Anti-Saloon League and National W. C. T. U.

SPECIAL FROM THE CHRISTIAN SCIENCE MONITOR BUREAU

WASHINGTON, Jan. 16 — The eleventh anniversary of the enacting of the Eighteenth Amendment today brought statements from dry organizations pointing to economic and other achievements won under the law.

But for the law, F. Scott McBride, general superintendent of the Anti-Saloon League, declared, 177,790 legalized saloons would be selling liquor to anyone with the price.

"Considering increased population," he said, "greater traffic congestion and speed, 31,000 more people would have been killed, and 1,200,000 more persons injured by automobiles last year because of legalized liquor sold in wet centers, or more easily bootlegged into dry territory. With barrooms near airports in large wet cities, 540 more people would have been killed in airplane accidents last year. These figures are based on the conservative estimate that automobile and airplane casualties and injuries would be double what they are under prohibition.

"In the present unemployment situation prohibition is an immeasurable factor. If 177,790 saloons were making liquor available in large cities, the poverty, suffering and distress would be beyond anything imaginable in these days.

"Eleven years have been sufficient to prove that the policy of prohibiting intoxicating liquor under uniform, nation-wide laws offers the best solution of the liquor problem. Constant improvement of prohibition rather than modification or repeal should be the objective of citizens and officials concerned over the national welfare.

"The drys will devote the next decade largely toward giving every child the chance to learn that alcohol is a narcotic, habit-forming drug, harmful to the individual and dangerous to society. Secondary, but adequate attention will be given to perfecting the machinery of the law to the end that persons who place personal indulgence or private profit above the public good, will find it increasingly difficult to stand in the way of progress, in a civilization where the safety of each depends upon sobriety of all."

Nation's Buying Power Raised $6,000,000,000, Expert Figures Show

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

EVANSTON, Ill., Jan. 16—Half a dozen major benefits that have come to the nation from prohibition are listed by the National W. C. T. U. on the eleventh anniversary of the Eighteenth Amendment today. Professors of economics and other authorities are cited as substantiating the claims.

"Even with imperfect observance and enforcement, prohibition has increased the national purchasing

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WAY IS FORCED BY DEMOCRATS FOR FOOD BILL

Win Suspension of Rules by Swinging Club Over G. O. P. Leaders

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Jan. 16—By the device of a parliamentary trade, Senate Democratic leaders have succeeded in maneuvering their proposal for a $25,000,000 federal food grant into a position where the chamber can consider the measure.

Republican leaders themselves opened the way for the forcing of the exchange bill through the Senate when Reed Smoot, Republican senator from Utah, chairman of the Senate Finance Committee, yesterday asked for unanimous consent to take up the Interior Department's appropriation bill.

Joseph T. Robinson (D.), Senator from Arkansas, minority floor leader and author of the $25,000,000 project, promptly moved to amend this motion by adding to it the suspension of the rules necessary to bring up his bill. Without such an unanimous consent it would require a two-thirds vote to set aside the rules.

Mr. Smoot objected to the amendment, and Mr. Robinson refused to give consent to Mr. Smoot's request. Republican leaders, however, persuaded Mr. Smoot to accept Mr. Robinson's amendment.

The signing by President Hoover last night of the $45,000,000 drought relief appropriation bill, the second Administration emergency relief measure to be enacted this session, cleared the way for immediate distribution of this fund to needy farmers.

Under the terms of the measure loans can be made for the purchase of seed, fertilizer, feed for work stock and fuel and oil for tractors used in crop production. Two new loan offices will be established, one at St. Paul and one at Memphis, to supplement those at Grand Forks, N. D., and Washington.

Liens will be taken on the crops to secure the loans.

FORD BUILDING FOUR FACTORIES IN INDIA

BOMBAY, India (AP)—Henry Ford is building great plants at Bombay, Calcutta, Madras and Multan for the assembling of Ford cars and trucks to be shipped from Canada for distribution throughout India.

The company has announced that it will "Indianize" its staff.

Construction of these plants coincides with a widespread boycott of automobiles made in England and an increasing demand for American cars. The latter constitute about 80 per cent of all automobiles used in India.

TRAINING OF MEN FOR MUNICIPAL ENGINEERS URGED

Norwich Institute Is Told That Colleges Should Add to Program

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

MONTPELIER, Vt., Jan. 16—That American colleges should add to their educational programs training in municipal management, was recommended at the Norwich University Institute of Municipal Affairs in the State House here yesterday.

"We have four-year courses of study in mechanical engineering, architecture, industrial engineering and in many other technical branches. Why not a similar course in municipal engineering? was the question put by John M. Thomas, formerly president of Rutgers University, Pennsylvania State College and Middlebury College, now vice-president of the National Life Insurance Company here.

Dr. Thomas spoke on "The American College and Municipal Affairs." He was introduced by Gov. Stanley C. Wilson, presiding officer at the luncheon session of the institute.

"If it is a legitimate purpose for a technical college to educate men to build highways, water supplies and sewage systems, and to manage factories, mills and power plants—as has long been admitted—why is it not legitimate also to direct the training of some students to the efficient management of cities and towns?"

Efficient and economical management of community affairs, Dr. Thomas said, was as essential to the continued prosperity of industry as efficient direction of industry itself, since "all the savings of increased efficiency may be wiped out through increases in local taxation made necessary by unwise public expenditures and wastes in public enterprises."

"Under modern conditions the administration of community matters in a municipality of any size requires technical knowledge," he continued, "and it needs also the habit of proceeding upon the basis of exactly ascertained facts and of determining the most economical method of accomplishing a desired result, which is the distinctive characteristic of the well-trained engineer."

The municipal engineer, Dr. Thomas recommended, should have the education of any civil engineer in the problems of construction and maintenance of buildings and highways, and he should at the same time be well-schooled in economics, particularly in the fields of public finance and taxation. He should receive thorough instruction in government, not alone through theoretical study but with abundant "laboratory exercises" made up of actual experiences of towns and cities within his observation.

A great many colleges, which already offer engineering courses, could add this new field of training simply through the addition of one instructor who is an accomplished specialist in the field of municipal government.

FRENCH LINE PLANS 1000-FOOT VESSEL

PARIS, Jan. 16 (AP)—The French Line today announced its intention to construct what it calls the fastest and largest electrically propelled passenger ship in the world.

The length of the ship will be 1000 feet, and its speed more than 30 knots.

Construction already has begun at St. Nazaire, the announcement said, and it is expected the liner will enter the Havre-New York service in the spring of 1934. The machinery is to be made at Belfort.

The Leviathan largest American vessel, is 906 feet long. The Majestic, largest British ship, 915 feet. The Bremen, and Europa, German liners are 936 feet long.

$700,000,000 WORTH OF CONSTRUCTION READY TO START

Woods Cites Bond Sales as Basis for Estimate of Work Provided For

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Jan. 16—Public construction valued at approximately $700,000,000 has been pushed beyond the appropriation stage in the last 100 days by cities, counties, townships and other political subdivisions other than states and the Federal Government, according to figures released today by Col. Arthur Woods, chairman of the President's Emergency Committee for Employment.

The estimate is based on the fact that $349,399,688 of municipal, county road and school district, and state bonds for construction purposes were sold during October, November and December. It is generally estimated that less than half of the public construction work other than that of the Federal Government is financed by bonds.

This amount, reports indicate, will be still further increased as the bond issues totaling $217,402,400, authorized by the voters at the November elections are sold and the proceeds made available. A portion of these bonds has already been sold and is included in the $700,000,000 total already available.

A partial listing of the public works for which the bonds were issued includes sanitary sewers, schools, town halls, harbor improvements, airports, grade crossing eliminations, parks, hospitals, light and power plants, swimming pools, county homes, playgrounds, street widening, river straightening, jails, bridges, welfare work, police stations, and street improvements.

"It is satisfying to look over the reports," Colonel Woods said. "The cities and other political entities within the states have not slackened their pace. They are going ahead in a fine spirit, and there is every reason to believe that plans are being executed and the actual performance of work has noticeably quickened. That is, work that in the ordinary course of events would be spread out over a period of several years is starting now. We must remember that every time money is spent on needful work there is a twofold benefit. The city gets its improvement more quickly,

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Big Coal Strike in Wales on Way to Settlement

LONDON, Jan. 16 (AP)—Representatives of the mine owners and the miners of South Wales returned today to the strike-ridden colliery districts with a provisional settlement of the wage dispute which it was believed would permit return on Monday of 150,000 miners to the pits.

The agreement arrived at must be submitted to the Miners' and Operators' Associations before it becomes effective.

Brief dispatches from Cardiff today indicated that acceptance of the provisional agreement would depend largely on whether the miners' negotiators would advise acceptance or merely submit the terms without recommendation.

It was difficult to say whether the miners or operators yielded the most to make a settlement possible, but at first sight it seemed the miners got the better of the deal since they will continue work at 7½ hours a day instead of eight with no reduction in wages.

On the other hand the mine owners obtained the desired elimination of the National Industrial Board and substitution of a joint conciliation board with an independent chairman. It was further provided that either side might seek a further yearly revision in some details during the life of the three-year agreement. The strike began Jan. 1.

Becomes New Power in Caribbean Area

Wide World

DR. RICARDO J. ALFARO

Alfaro Arrives at Panama to Assume Office

New President Greeted by Throng on Eve of His Inauguration

COLON, Panama, Jan. 16 (AP)—Dr. Ricardo Alfaro, former Minister to the United States and now President-Designate of the new Panama Government, arrived here today from New York for his inauguration.

The pier was thronged with a cheering crowd which followed him through the city to the Government Building, where he held a reception prior to his departure for Panama City, for the inauguration ceremony. A heavy guard of Canal Zone police accompanied him to the boundary line.

Dr. Ricardo J. Alfaro begins his term as President of Panama unusually well fitted to handle the perplexing problems centered in and around the Caribbean countries. Famous as an international jurist, well known as an author, and experienced as a professor, Dr. Alfaro entered the service of his country as Assistant Secretary of Foreign Affairs at the age of 23.

In 1912 he became councilor at the Panama Legation; Premier of the Panama Cabinet during 1918-22; Minister Plenipotentiary to the United States, 1922-30, and first Vice-President of Panama, 1928-30. France, Spain, Peru, Venezuela, and Italy have awarded official decorations to him in recognition of service.

In press conference, today, Dr. Alfaro stated that an era of economy is planned for Panama. "I have been informed," he said, "that in some foreign papers it has been reported I headed or directed the movement for Panama's redemption. This is not correct. The entire honor belongs to the brave youth of the 'Accion Communal.'"

Washington Confident

WASHINGTON, Jan. 16 (AP)—The American Government will continue diplomatic relations with President-Designate Alfaro's Administration in Panama on the same basis that it did with the Administration of Florencio H. Arosemena, former President.

Two Wires Carry 9600 Words a Minute by Use of Canadian Telegraphic System

SPECIAL FROM THE CHRISTIAN SCIENCE MONITOR BUREAU

NEW YORK, Jan. 16—Division of a single pair of telegraph wires into 24 separate channels capable of handling 400 words a minute each or a total of 9600 words a minute for the line, was explained Wednesday to the Radio Club of America by R. B. Steel of the Canadian National Telegraphs, Toronto, one of the engineers responsible for the development.

Through the multiplex system, Mr. Steel explained, each channel can be divided up to take 400 words a minute, and improvements in the carrier current system have increased the number of such channels possible on a single pair of wires from 10 to 24.

This does not mean a stream of words being received on a single machine at 9600 words a minute, he said, but rather 24 sending machines, each working at 400 words a minute through each of 24 channels, the total output being divided up on another 24 machines at the receiving end.

Mr. Steel outlined the history of telegraphy from the time of the earliest manual systems, with a capacity of from two to five words a minute, to Morse and Vail, who increased the capacity to 25 words a minute, and on to the high-speed manual operation of the present day, which permits of straight message transmission of approximately 35 words a minute.

He also told of the invention of the printer system in 1849, with a capacity of 42 words a minute, to the modern simplex printer, which has a capacity of 50 words a minute, and the subsequent development to the multiplex, which permits the simultaneous transmission of 200 words a minute in each direction over a single strand of wire.

Greater Boston Measure Is Filed

Mayor James M. Curley, through Samuel Silverman, corporation counsel, today filed, with the Legislature, a bill to create a municipal corporation to be known as Greater Boston.

The bill provides that the cities and towns comprising the Metropolitan water, sewer and park district shall be included in the proposed Greater Boston. The proposed corporation would be managed by a governing board composed of the mayors of the cities and chairmen of the boards of selectmen of the towns included within the district, the Mayor of Boston to be chairman of the board.

Meeting four times annually, the board would consider problems relating to traffic, taxation and all other problems affecting the municipalities and towns in the corporation. How such problems may be solved, ways and means for developing the economic, financial and industrial welfare of the municipalities in the corporation would be considered, and the corporation would report to the state Legislature each year, making such recommendations as might be deemed necessary.

ACT QUICKLY ON TARIFFS, EUROPE TOLD

Colijn Warns of League's Failure in Economics at Union Conference

ENTRANCE OF RUSSIA AND TURKEY TALKED

Grandi of Italy Puts Stress on Disarmament as Federation Prelude

BY CABLE TO THE CHRISTIAN SCIENCE MONITOR

GENEVA, Jan. 16—The eleventh hour is now striking, beyond which it may no longer be possible to turn economic work of the League of Nations from failure into success, Dr. Hendrik Colijn, of the Netherlands, president of several important League economic conferences, told the Committee on European Union here today.

Twenty-seven nations are represented at the conference and 22 foreign ministers are participating in the deliberations.

Dr. Colijn minced no words in telling the European delegates that practically all of the League's economic effort had failed. The world economic conference in 1927 evolved lofty principles, but subsequent practice has not conformed with pledges then given by delegates, he said.

When the League attempted through the first tariff truce conference in March, 1930, to stay the upward rush of tariffs only a partially satisfactory convention could be concluded. Then during succeeding months ratifications came slowly.

The Eleventh Assembly, dominated by prolonged economic depression, and particularly agricultural depression, urged immediate action. The second tariff truce conference in November, 1930, failed even more lamentably than the first, said Dr. Colijn, who was president of this meeting.

The utmost the conference could do, he declared, was to confess failure by extending the period of ratification of the tariff truce convention and admit that multilateral negotiations having failed, bilateral talks alone offered any hope of success.

The conference could not assist agrarian Eastern Europe by granting preference and merely recommending extensions of credits. Meanwhile the convention on the import and export prohibitions had fallen flat.

Thus, Dr. Colijn continued, the League had three major failures in most important spheres of economic coöperation. After four years of hard work and solemn governmental declarations of intended improved behavior the situation was worse than in 1927. "The deplorable consequences of this state of affairs have been that people in many countries have lost all faith in the economic work of the League." The end of League conferences has always been the same, said the man who presided at many of them—"one or two speeches trying to cover up failure."

Third Step Toward Union

The League's economic work was not even creeping forward and the moderating influences of a few economically liberal nations was rapidly declining through discouragement. Economic failures would swiftly be left in political fields. A tariff war as a very imminent menace faces the nations of Europe. The final warning is at hand, he said.

Dr. Colijn therefore urged the necessity of taking the opportunity now available to continue bilateral negotiations until a successful conclusion is reached. His closing words were: "I am convinced we can yet succeed if we are resolved to act and act quickly." Dr. Colijn recently informed the Secretary-General of the League he would never preside at another economic conference.

The representatives of the nations met to take what may be called the third step toward European federation.

The first step was Aristide Briand's launching of the United States of Europe project during the 1929 Assembly. The second came when the European delegates met during the 1930 Assembly. Now the Committee for European Union actually begins its studies.

The committee had expected to pass immediately to consideration of pressing economic problems, but unexpectedly two other matters of vital moment were introduced.

After M. Briand, as president, had opened the meeting in a speech of generalities, Dr. Julius Curtius of Germany demanded to know whether European nonmembers of the League of Nations — Russia and Turkey — should not be included in any plan for European solidarity.

Then Dino Grandi of Italy, speaking for the first time in League history in Italian, repeated and emphasized the necessity of inviting Russia and Turkey. Furthermore, Signor Grandi insisted that fulfillment of the international obligation to disarm, which is included in the League Covenant, must precede any lasting organization of a European federation. The speech was the sensation of the meeting.

Insists on Solidarity

When the mellifluous Italian sentences resounded with all of Signor Grandi's enthusiasm in the Glass Chamber of the League palace every delegate sat up with astonishment. Then the League interpreter, acting privately for Signor Grandi, translated his words into the English, and French was left for third place. Signor Grandi recalled the Italian memorandum in reply to the French Government's original note which stressed the necessity of bringing Turkey and Russia into the European organization.

Opinions Divided on European Union

* * *

Meeting Seen by Some as Move to Console Briand

* * *

Many Welcome Measure of Coöperation

* * *

By SISLEY HUDDLESTON
Staff Correspondent

BY RADIO FROM THE CHRISTIAN SCIENCE MONITOR BUREAU

PARIS, Jan. 16—Rarely has opinion been so utterly divided in Europe as on the real significance of the meeting of European statesmen at Geneva to discuss further Aristide Briand's plan of a European federation. Those who find the idea retrogressive, superfluous and even dangerous, inasmuch as it separates the world into continents and threatens to empty the League of Nations of European problems, consider the proceedings as a feeble attempt to save the face of M. Briand.

Those who believe that every concrete measure which will permit practical coöperation of nations is better than the broader but less realizable conceptions rejoice in the prospect of even the humblest beginnings of constructive European solidarity.

These differences in opinion are determined partly by a personal appreciation of M. Briand himself. He possesses enthusiastic partisans, but he also has more opponents than any other international statesman.

On one hand he is seen as a sincere apostle of peace. On the other hand he is seen as a remarkably subtle Frenchman, chiefly interested in advancing his country's cause. In Germany recently, for example, comment on his policy is not favorable. The French, it is said, demand security and resist disarmament. They aim at stereotyping existing European treaties. Each move is under the guise of conciliation, essentially conservative, they say, and is determined by astute diplomatic reason. Other countries profess to find in the Briand plan a menace to the League and League circles themselves are not without suspicion.

These personal considerations, whether for or against, are apt to influence the judgment of proposals which should be studied with detachment. It is curious to notice in France that M. Briand's political opponents accuse him of faults which are exactly opposite those charged against him by German Nationalists. They urge that in pursuing chimeras he is neglecting

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Kite-Flying Enters Politics of India; Crowds Forget Strife in Enjoying Sport

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

NEW DELHI, India—A quality of sportsmanship and good humor was introduced into the political affairs of Cawnpore, India, when members of the All-India National Congress and representatives of the local police found themselves in opposition on the question of kite flying, an ancient Indian sport that has something of the nature of an art.

For some time Congress adherents had been flying a kite which held aloft above the city the tri-color nationalist flag. The police were unable to trace the point from which the string of the kite emanated, and they proceeded in the old Indian custom to bring down the "traitorous" kite by flying a counter one, with a view to cutting down the flag.

The string of the attacking kite had been treated by being rubbed in powdered glass, with the hope that when it came into contact with the Congress kite it would cut through the rival string.

However, the Congress kite was not so easily caught. Indeed, the Congress kite proved very tantalizing, as the current political situation is tantalising, and time and again it was withdrawn from the fray, to return to the air when the police kite was pulled in.

This entertainment went on for a long time, to the delight of the spectators, who forgot their political grievances in the light of the sportsmanship which was exhibited in the tactics employed on both sides.

Kite-flying is a popular sport in India and remarkable skill has been developed in fliers of kites in bringing down opposing kites.

GENEVA STUDIES GOLD ISSUE IN SECRET SESSION

Sharp Criticisms Reported From Other Governments on French Policy

By Cable to The Christian Science Monitor

GENEVA, Jan. 16—The problem of obtaining a better distribution of the world's gold is under discussion in camera by the gold delegation of the financial committee of the League of Nations. The committee is examining a report presented by the Secretariat of the League.

Since the meetings are secret no details of the actual debates are authoritatively known, but it is stated unofficially that severe criticisms of the French gold policy are being formulated by representatives of other governments and that the desire to keep these criticisms out of the press has been responsible for the exceptional secrecy of the meetings.

The gold delegation's deliberations are in a sense a sequel to the discussions between British and French financial experts held in Paris a few days ago, although these discussions themselves are being renewed in London.

In a larger sense the present discussions are carrying on the broad research which the League has already undertaken into the gold problem.

The League has collected the views of the world's greatest authorities regarding the distribution and future supply of the precious metal. Since these views are in conflict, one with another, it is necessary for the gold delegation to prepare some sort of synthesis. It is expected, too, that the delegation will make recommendations regarding measures to economize the world's gold in view of a possible shrinkage of supply.

Indeed, representatives of authorities who believe they possess means of extracting more gold from mines now regarded as unprofitable have been here, anxious to present their ideas to the committee. They are typical of a large group which is working to supplement the present gold supply.

It is believed the delegation will deal with the economic and engineering, rather than the politico-economic aspects of the problem, which are very far-reaching and complicated.

Following the simultaneous lowering of the French and American rediscount rates there is some disposition among financial authorities in the League to wait to see whether this concession will not produce the desired result.

STATE TO SPEND $103,000 IN FORESTS

The appropriation of $103,000 provided for the State Department of Conservation by the emergency relief measure just passed by the Massachusetts Legislature and signed by Governor Ely will be spent immediately for work on State forests outside the metropolitan district, it was announced yesterday.

Men living in the scores of towns through which the forests run will be given the work, the department announced. Persons desiring employment were advised to register with the local unemployment committee or selectmen. Jobs will be given to the most needy cases and the work is to be spread out as much as possible.

MAYOR PROPOSES $3,975,000 IN LOANS

Mayor James M. Curley today announced the total debt-incurring power of the City of Boston for 1931 to be $4,600,000, as against $5,700,000 last year. In conference with the department heads, the Mayor recommended the adoption of loans for construction work this year amounting in all to $3,975,000.

These undertakings include $1,000,000 for sewerage work; $700,000 for two police stations; $500,000 for city hospital buildings; $350,000 for a new fire station and $275,000 for continuing the work on the West Roxbury public golf course.

$15,000,000 SCHOOL PROGRAM PROPOSED

Joseph J. Hurley, chairman of the Boston School Committee, today petitioned the Legislature to authorize the committee to make appropriations for the purchase of land and the construction and furnishing of new school buildings, for 1931, 1932, 1933, of not more than $5,000,000 each year.

The bill provides that the city would be authorized to borrow outside the debt limit.

SALVATION ARMY PROMOTION

Brig. Thomas William Hargreaves, for four years financial secretary at the Boston headquarters of the New England province of the Salvation Army, has been made general secretary of the province, according to an announcement by Col. Joseph Atkinson, commanding the New England territory. Mr. Hargreaves succeeds Brig. W. G. Hammond, recently appointed financial secretary of the eastern territory, with headquarters in New York City.

VESTRY OPENS TO HOMELESS

PORTLAND, Me., Jan. 16 (AP)—Bigger and better accommodations for the homeless with radio entertainment to provide a homelike atmosphere was the aim today of the Rev. A. Powell Davies, who announced that the vestry of the Pine Street Church would be opened for such use. Sleeping accommodations and if funds permit, a warm breakfast will be given to those who make use of the vestry.

REPUBLICAN LEADER NAMED

MONTPELIER, Vt., Jan. 16 (AP)—William H. Adams, executive clerk of Gov. Stanley C. Wilson, was elected chairman of the Republican State Committee today. He succeeds Leonard F. Wingo of Rutland, resigned.

JOHN F. MOORS RESIGNS

Governor Joseph B. Ely today received the resignation of John F. Moors, of the Boston Finance Commission. Mr. Moors has been a member of the board for many years.

BOSTON PERSONAL PROPERTY TRUST

Boston Personal Property Trust reports for the 12 months to Dec. 31, 1930, total income of $340,866, expenses of $33,534 and surplus of $46,482 after payment of $260,860 in dividends.

PUDDING STONE INN

Its lights cannot be hid, for the Inn looks out from one of the Morris Hills. There are views innumerable and entrancing; one more beautiful than another from the grounds of the Inn Come for a restful week-end A short journey through the Morris Hills on the Lackawanna. Write for folder. G. N VINCENT. Boonton, N. J.

SHALE CLAIMS SAFE, FORMER OFFICIAL SAYS

Ralph S. Kelly Testifies as to Value of Shale Lands Before Committee

Special from Monitor Bureau

WASHINGTON, Jan. 16—Ralph S. Kelley, former chief of the field division, General Land Office restated his conviction that oil shale lands eventually will be of value, and told the House Committee on Public Lands today that the Interior Department now has all the authority it needs to see that oil shale claims are validated.

Mr. Kelley's charges that oil shale territory was going into the hands of big corporations in defiance of the intention of the law produced a sensation and caused his dismissal last year.

His statement today that no new legislation is needed is expected to affect the decision of the committee which now has six bills before it.

Mr. Kelley was preceded by Charles S. Thomas (D.), former Senator from Colorado, whose testimony was like Mr. Kelley's in that he declared present remedies for the most part adequate although urging a new registration law for applicants for oil shale lands. Mr. Kelley, a notably quiet witness, was restrained in all his statements, apparently to the surprise of some of the Congressmen, who had expected a renewal of his attacks.

Asked if he approved of the present attitude of the department, he merely remarked that his connection had been severed, but that "procedure was adequate" to press the Government's case against illegal lease holders, if it was desired. No new legislation was required, he thought, unless it was the proposed registration law. Don B. Colton (R.), Representative from Utah, chairman, cautioned witnesses to confine themselves to the pending legislation.

Owners of a great many of the 6400 claims now held in oil shale lands fail to comply with provisions of the law requiring that a minimum of work be done annually and that claims be posted, Mr. Kelley said. The claims given out to individuals had come into possession of big corporations and these owners had in many cases never seen the land. The Interior Department had recently instituted a more aggressive policy against owners of claims, Mr. Kelley said.

Mr. Kelley today stressed the present glut of petroleum in the market and said that if all producers removed restrictions, twice the present output would result.

Theaters

"A Wonderful Night"

Shubert Theater—Messrs. Shubert present "A Wonderful Night" ("Die Fledermaus"), music by Johann Strauss Jr., book adapted by Fanny Todd Mitchell; staged by Lew Morton, dances directed by Chester Hale, settings by Watson Barrett and Herbert Moore, orchestra directed by Fred Hoff. Beginning Jan. 15, 1931. The cast:

Latzo Gerbo	Clifford Newdahl
Adele	Greta Alpeter
Rosalinde Grunewald	Gladys Baxter
Max Grunewald	Archie Leach
Dr. Von Lubke	Joseph Lertora
Bochmeister	Robert Pitkin
Frieda	Mary Wilkins
Prince Kosioksky	Hal Conkling
Frau Hickenlooper	Sallie Stembler
Blotz	Bernard Gorcey

It is, of course, the music that makes "A Wonderful Night" an enjoyable entertainment; that, and the interest provoked by the novelty of a revolving stage, which permits the showing of 13 scenes within the two and a half hours allotted by custom to this form of pleasure-taking. The stage operated last night with remarkable smoothness. The scenes were changed without hitch, in full view of the audience.

The book never has been an important element in the success of "The Bat." Haffner's original was nothing to boast of, and Fanny Todd Mitchell's adaptation does not dazzle. It contains, too, some needlessly coarse lines. There are scenes of intoxication, besides, that will not appeal to all theatergoers. But in general the direction has made the most of the material.

The music, however, is a delight. Written more than half a century ago, it is fresh today. Strauss was a musician, not a musical carpenter. His score received last night an adequate realisation. The orchestra is not large but it is well schooled, and the raising of the orchestra pit helped its effectiveness. In tone and in precision it is conspicuously superior to the average theater orchestra. Miss Baxter, mezzo, and Miss Alpeter, soprano, proved themselves possessors of excellent operetta voices, well trained, and the chorus likewise sang well. Miss Baxter's Gypsy number and Miss Alpeter's laughing song were particular hits. The ballet in the second act stopped the show. L. A. S.

Cornelia Otis Skinner

Hancock Hall—The building fund committee of the Choate School last night presented Cornelia Otis Skinner in her character sketches, including "The Eve of Departure," "Sunday Driving," "A Lady Explorer, "Aftermath," "A Picnic in Kentucky," "Homework," "Monte Carlo" and "Sailing Time."

Miss Skinner's sketches are cleverly written; it was their presentation which was sometimes uneven. At first there were too many gestures, betraying uneasiness and immaturity. Then, in the part of the English Lady Explorer, Miss Skinner came into her own. While her voice was pitched too high, its inflections were deliciously accurate. The titled lady's vagueness as to African geography, her naive comments upon native customs, her helpless suggestions to a bewildered mechanic attempting to manipulate the screen slides—all were most amusing.

Following brief glimpses of the East Side and of upper Park Avenue, one had the Kentucky picnic, which introduced the southern drawl and was good by fits and starts. One might say the same of the sketch of the Philadelphia parent who believed she could help Junior with his arithmetic because she had "spent years at school letting x equal something." But the querulous old woman at Monte Carlo who had devoted 30 years to trying to work out a system for the gambling table, whose day and night dreams were filled with "thousands of numbers, dancing," she was best of all—terribly but excellently limned.

M. W.

WEATHER PREDICTIONS

U. S. Weather Bureau Report

Boston and Vicinity: Fair and warmer tonight and Saturday; moderate south to west winds; minimum temperature tonight near 22.

Massachusetts, Rhode Island and Connecticut: Fair and warmer tonight and Saturday

Vermont, New Hampshire and Maine: Mostly cloudy and warmer tonight and Saturday.

Atlantic Coast, North of Sandy Hook: Diminishing northwest winds becoming south or southwest, increasing late tonight or Saturday, with fair weather.

Official Temperatures
(Standard time, 75th meridian)

	8 a.m. Jan. 16	Max. Jan. 15		8 a.m. Jan. 16	Max. Jan. 15
Albany	6	14	Memphis	22	38
Atlantic City	18	26	Miami	64	69
Boston	15	30	Montreal	8	..
Buffalo	20	30	Nantucket	18	24
Calgary	22	..	New Orleans	42	62
Charleston	36	62	New York	30	36
Chicago	26	30	Philadelphia	30	36
Denver	22	54	Pittsburgh	22	32
Des Moines	26	38	Portland, Me	8	18
Eastport	18	14	Portland, Ore.	44	48
Galveston	50	50	San Francisco	52	56
Hatteras	38	36	St. Louis	34	34
Helena	30	42	St. Paul	28	28
Jacksonville	36	42	Seattle	44	48
Kansas City	38	42	Tampa	44	52
Los Angeles	50	70	Washington	18	28

High Tides at Boston
Friday 9:35 p. m., Saturday 10:05 a. m.
Height of tides 7.7 feet, -0.4 feet.

Light all vehicles at 5:07 p. m.

Industrial Activity Improving in South

INDICATIONS of an upswing in industrial activity in southern states are reported by the Southern Natural Gas Corporation. A decided turn for the better already has made itself felt, the corporation says, and it is expected further substantial progress will be shown in the near future.

Improvement is especially noticeable in the districts of which Birmingham, Ala., and Atlanta, Ga., are the centers, the report says.

DRY LAW BENEFITS ARE POINTED OUT ON 11TH ANNIVERSARY

(Continued from Page 1)

power by $8,000,000,000 a year by diverting a major portion of the old saloon keepers' receipts to more useful channels," the statement begins, quoting as authority Prof. Irving Fisher of Yale, Prof. Paul Nystrom of Columbia and Roger W. Babson.

Other gains are listed as follows: "It has reduced poverty from drink to a negligible minimum. It has given at least 3,000,000 boys and girls a chance to attend high schools from homes that could not have afforded it in the saloon era. It has added hundreds of millions of dollars of value to the great dairy industry and has aided agriculture generally.

"It has bettered the condition of the army of workers and has done away with 'blue Monday,' which was a regular bugbear of the employer in the old days, decreasing quality and quantity once a week because of Saturday carouses that lasted over until Tuesday.

"The country has weathered the recent distress from drought and business depression much better than if we had been hampered by the saloon-era conditions.

"We have decreased deaths from alcoholism and kindred causes. We have closed several hundred hospitals for the cure of drunkards. At the recent wet-dry hearings before a Congressional committee, census figures were produced to prove that prohibition had thus saved more lives than the American Expeditionary Forces had lost during the World War."

These are all substantial statements made by experts who had authority for them, the W. C. T. U. adds. Among the other authorities specifically cited it lists Evangeline Booth, Salvation Army head; Prof. Grove S. Dow; the National Education Association; Louis K. Taber, Master of the National Grange, and Prof. Herman Feldman.

It notes also that an official commission from England, sent here to find reasons for the economic leadership of the United States, gave an important place to prohibition in its report to the British Government.

Dry Amendment In to Stay, Sheppard Tells Senators

Special from Monitor Bureau

WASHINGTON, Jan. 16—There is no possibility of compromise on prohibition, Morris Sheppard (D.), Senator from Texas, declared today in an address before the Senate on the occasion of the eleventh anniversary of prohibition.

"The nation must be altogether dry or altogether wet," he declared.

Pointing out that alcohol is a "scourge of the human race, an enemy of mankind," Mr. Sheppard declared that prohibition had immeasurably advanced the material and other interests of the country.

After reviewing the arguments advanced against the Eighteenth Amendment, Mr. Sheppard, known as "the father of the Eighteenth Amendment," concluded that no greater disaster could befall the nation than its repeal.

Mr. Sheppard said in part: "The fight against beverage alcohol reached an intensive status when increased population, increased production, increased capital, and increased chances for gain made possible by the machine age, united to bring about the manufacture of intoxicants to an extent that threatened the permanent corruption and control of government, the general impairment of health and morals and efficiency.

"The battle raged from year to year with growing fury, until the people at last wrote prohibition into the Constitution of the United States, and there it will remain forever. Every national election since the adoption of nation-wide prohibition has returned overwhelming dry majorities to both House and Senate, and the last election is no exception."

Young People Affirm Support of Prohibition

More than 400,000 young men and women have announced their intention to support and defend the Eighteenth Amendment, Mrs. Ella A. Boole, national president of the Woman's Christian Temperance Union, told members of the Massachusetts organization at a luncheon at Hotel Kenmore, Boston, today, in celebration of the eleventh anniversary of national prohibition.

Speaking on "Observance and Enforcement, Not Repeal," Mrs. Boole reviewed the outstanding events in the history of prohibition for 1930, declaring that the transfer of the enforcement activities of the Government to the Department of Justice was one of the most important steps toward bringing about better enforcement.

Mrs. Boole further emphasized the possibilities for better enforcement through the organization of Youth's Roll Call—an enrollment of young men and women between the ages of 14 and 30 pledged to uphold the dry laws.

"On this eleventh anniversary of the adoption of national prohibition," she said, "the W. C. T. U. calls upon patriotic citizens to support the Government through personal observance of the prohibition law. Observance is the first step toward law enforcement, national president of the Women's share. Intelligent observance resulting from education must result in willing obedience to the law. The abuse of alcohol begins with its use, and patriotic service calls for no fellowship with a now illegal traffic."

Opinions Divided on European Union

Meeting Seen by Some as Move to Console Briand

Many Welcome Measure of Coöperation

(Continued from Page 1)

French diplomacy, encouraging German and other revisionist demands, and overlooking the vital need of preparedness.

These contradictory assertions probably cancel each other. Certainly the way of approaching the proposition which has the most to commend it, but doubtless has much to condemn it, is as far as possible to make an abstraction of M. Briand's personality and his hypothetical intentions.

If such an abstraction is made, it would seem that the scheme, as adumbrated, attracts or repels according to one's political temperament. Those who believe in proceeding step by step toward coördination, welcome any advance, however small, which promises to set nations working together in a positive manner, instead of disputing together in a negative way.

They think that better than all peace speeches, propaganda and discussion, is a single instance of international collaboration in practical work. Agreement on road regulations in Europe, for example, though in itself having no great importance, would help form a habit of association for common purposes which would render less acute, quarrels about frontiers and expression of national grievances.

It is, of course, pointed out that following the federation deliberations there will be held a League committee meeting, which will reveal once more the serious clash between Germany and Poland, which is not promising for a European federation, though in the view of others it will furnish additional reason to strive for such a federation.

In another order of ideas it is pointed out that the real problems of today are not European, but universal. The economic crisis affects Europe, but it likewise affects America and it cannot be overcome by an isolated continent. Hoarding of unused gold, which particularly troubles Great Britain, cannot be rectified by Franco-British agreement or even continental agreement, but calls for American assistance. Debts and reparation problems which are again coming to the forefront are not European exclusively, but must be examined sooner or later, it is said, like disarmament, in a world conference.

Take Broader View

The second group of thinkers, therefore, who have a tendancy to range themselves against a purely European organization envisage the problems as a whole and take a wider view of world interdependence. Temperamentally, they differ from the first group, which holds that we should make relatively local arrangements, which afterward can be developed. Theoretically, the second group of thinkers has a strong case, but in practice there are many problems which can be more readily solved by two or twenty nations that truly possess a continental character.

The proposals, which were pitched originally in a high key and were described as tending toward formation of a United States of Europe, afterward were pitched in a lower key and described as a European political and economic federation, and have now dwindled to a matter of certain technical questions already studied by the League, but capable of being placed on a peculiarly European plane. In view of this, it would seem that the mere mockery of this diminution is singularly inept and ill-founded. Early rhetorical exaggerations do not lessen the value of eventual solemn proposals.

Thus coming down to earth it is suggested there should be studied commercial conventions, that negotiations among British importers should be resumed, that agriculture should be organized and credits accorded, that statistics and documentation should be available, that finances should be regarded from a European standpoint, and that radio, rivers, canals, and air routes should be treated in their European aspect.

These are only a few matters which offer a field for European, as distinct from narrowly national, activities or unnecessarily wide world activities.

Looked at from this angle, a closer European association would be useful unquestionably. Its beginning would be modest, but it might bear important fruit. Moreover the greatest argument of all in favor of such an association is that, as already incidentally stated but deserving greatest emphasis, if European nations can acquire a habit of working together, and these and other domains can adopt a helpful, positive and constructive program, they will be taught to forget their sterile, negative and destructive disputes.

EVENTS TONIGHT

Women's City Club of Boston: Dinner; Mrs. Roland Baker, guest of honor, and speaker on "Irish Folk Lore and Fairies"; 46 Beacon Street, 6:30.

Harvard Women's Club of Boston: "Guest Night"; music by Harvard College Alumni Orchestra, direction Jaques Hoffmann; dancing, refreshments; Hotel Vendome, 8.

Y. C. A. (Clarendor Street Division): "Vanities of 1931," presented by Vagabond Club, direction Charles H. Hutchinson; auditorium, 8.

Woman's Italian Club: Penny sale, Russel Studio, 30 Huntington Avenue, 8.

Tau Beth Beta Society: Play, "The Intimate Strangers," by Booth Tarkington; Whitney Hall, Coolidge Corner, Brookline.

Cantabrigia Club: "Guest Night"; Dinner, 6:30; address, "The Romance of News Gathering" (Illustrated), by Alton H. Blackington, 8, clubhouse.

Lynn Historical Society: Annual meeting; address, "Benjamin Franklin," by Melville C. Freeman, Master, High School of Practical Arts, West Roxbury; social and refreshments to follow lecture; 125 Green Street, 8.

Bryant and Stratton Alumni Association: Annual meeting; illustrated lecture, "The Wonderland of the Far West and North," by Arthur H. Merritt; dancing and refreshments to follow lecture; Boston City Club, 14 Somerset Street, 8.

Longwood Towers: Dance, auspices "Lees," honorary society, sophomore class, Boston University; C. P. A.; until 1, buffet supper, 25.

Harvard University: House warming, Faculty Club, Club Building, Quincy and Prescott Streets, 8:30.

Copley-Plaza Hotel: Meeting, Dentists Supply Company, Black Suite, 7 to 11:30.

Y. M. C. A. (Huntington Avenue Division): Dormitory Dance, Bates Hall, 8. Surprise Social, Copley Church, 8.

Northeastern Bird-Banding Association and Federation of Bird Clubs of New England: Joint dinner meeting, University Club, 6:30.

Symphony Hall: Burton Holmes Travelogue: "The Passion Play of Oberammergau"; 8.

Boston Branch, National Customs Service Association: Entertainment and dance, Hotel Bradford, 8.

Jordan Hall: Concert by advanced students of music department, 8:15.

Stoneham: Concert by Tufts musical clubs, auspices Stoneham Teachers' Association, Old Armory, 8:15.

Music

Fogg Art Museum, Cambridge—The Stradivarius Quartet, 8:15.

Theaters

Plymouth—"The First Mrs. Fraser," 8:30.
Tremont—"A Month in the Country," 8:15.
Copley—"Solid South," 8:15.
Shubert—"A Wonderful Night," 9:15.
Repertory—"Dich Hab' Ich Geliebt" (film), 1 to 11.

EVENTS TOMORROW

Boston Museum of Fine Arts: Saints and Symbols, Mrs. Sayward, 11.

Twentieth Century Club: Luncheon; address, "Delinquency Areas," by Clifford R. Shaw, member Institute of Juvenile Research, Chicago; 6 Joy Street, 1.

Hotel Statler: Luncheon and dance, Camp Wyanoke, Georgian Room. Luncheon and entertainment, Camp Winnemont, Parlor A; assembly, Parlor B.

West Roxbury Community: Meeting, D. A. R., Mrs. Archibald C. Jordan, chairman, National Defense Committee, speaker, Unitarian Parish House, 2:30.

Copley-Plaza Hotel: Lecture, Alliance Française, State Suite, 3:30. Afternoon dance, Sheraton Room, 4:30 to 7.

Women's City Club of Boston: Third in series of lectures on "Contemporary Books" by Prof. William T. Phelps, 46 Beacon Street, 3:30.

Mattapannock Club, South Boston: Lecture, "Why We Laugh," by Miss Virginia L. Bogue, Phillips Church Parlors, 3:30.

Appalachian Mountain Club: Take 1:17, South Station, for Spring Street for skiing. Week-end ski excursion Jan. 17-18.

Brookline Bird Club: Take 1:39 train, North Station, for Winchester Highlands, for trip to Winchester Reservoir and Middlesex Fells.

Children's Museum of Boston: Aviation motion picture, "Sailors of the Sky"; Olmsted Park, Jamaica Plain, 2.

Lucy Wheelock Alumnae Association, Inc.: Annual children's party, Wheelock Hall, 49 Pilgrim Road, 2:30.

Boston City Club: Motion picture for boys, "Salute," auditorium, 14 Somerset Street, 2.

Music

Jordan Hall—A children's concert, Ernest Schelling, conductor, 11.
Jordan Hall—Myra Hess, pianist, 2.

Exhibitions

Museum of Fine Arts, Huntington Avenue—Week days from 9 to 4; Sundays, 1 to 5. Free guidance in the galleries every day except Monday. Special Exhibitions: Boston Society of Architects, through Jan. 25; eighteenth century French designs; Dürer's Life of the Virgin; prints of French ornament by Jean P. Pillement; medals from the fifteenth to the twentieth century.

Fogg Art Museum, corner Quincy Street and Broadway, Cambridge—Open week days, 9 to 5; Sundays, 1 to 5; admission free. Special exhibitions: Etchings by Rembrandt. Through Feb. 28. Paintings of the Naumberg Bequest. Nineteenth Century water colors. Old Master Drawings. Objects excavated at Ur by the joint expedition of the British Museum and the Museum of the University of Pennsylvania; through Feb. 1.

Isabella Stewart Gardner Museum, Fenway Court—Open on Tuesdays, Thursdays and Saturdays from 10 to 4; admission fee 25 cents; Sundays from 1 to 4, admission free.

Boston Public Library, Copley Square—In the Treasure Room: Manuscripts, broadsides and rare books relating to Boston and the Bay Colony. Rare Spanish books. In the Exhibition Room: Books, charts, maps and documents relating to Boston. Water colors of Boston, Eng., by W. Ratcliffe. Tercentenary medals. Samoan handicraft; through Jan. 18.

Robert C. Vose Galleries, 559 Boylston Street—Paintings by old masters and their successors. Through Jan 17.

Casson Galleries, 575 Boylston Street—Monotypes by Seth Hoffman. Through Jan. 17.

Grace Horne's Gallery, 446 Stuart Street—Water color scenes from American life by Marion C. Whiteside. Through Jan. 17.

Doll & Richards Galleries, 138 Newbury Street—Selected etchings. Through Jan. 24.

Scherver Studios, 685 Boylston Street—Etchings by contemporary British, French and American artists.

For other exhibitions see Monday's Monitor.

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Published daily except Sundays and holidays by The Christian Science Publishing Society, 107 Falmouth Street, Boston, Mass. Subscription price, payable in advance, postpaid to all countries: One year, $9.00; six months, $4.50; three months, $2.25; one month, 75c. Single copies, 5 cents. (Printed in U. S. A.)
Entered at second-class rates at the Post Office at Boston, Mass., U. S. A. Acceptance for mailing at a special rate of postage provided for in section 1103, Act of Oct. 3, 1917, authorized on July 11, 1918.

AMUSEMENTS

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14th Street and 6th Avenue
Evgs. 8:30 Mats. Thurs. and Sat. 2:30
Prices 50c, $1 and $1.50
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Tomorrow Evening.....SIEGFRIED
Monday Evening, Jan. 19....HEDDA GABLER

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CLASSES IN WAR AT LAND GRANT SCHOOLS FOUGHT

Government Aid, Where Training Is Compulsory, Protested

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Jan. 16—A determined though unsuccessful fight to shake loose the alleged grip of the War Department and militaristic interests on land grant colleges marked yesterday's debate on the War Department appropriation bill.

Led by Fiorello H. LaGuardia (R.), Representative from New York, a group about equally divided between Democrats and Republicans sought to insert an amendment into the bill providing that government aid to land grant schools and colleges should not be given if military training were compulsory.

The amendment excepted, however, essentially military schools or colleges. Continuation of government subsidy to such organizations would not in any way have been affected by the passage of the measure.

Mr. LaGuardia and his supporters contended that under the present law the War Department exerted undue influence over educational institutions receiving government aid under the requirement of providing military service.

Although such institutions are permitted to offer military training as an optional study, they asserted that in many cases officials of the institution were intimidated by militaristic influence to the extent that they maintained compulsory military training for fear of losing their subsidies.

Carroll L. Beedy (R.), Representative from Maine, argued that with the United States seeking to set an example of peace for the war-torn nations of Europe, it is inconsistent for the Government practically to force military service upon the youth of American schools and colleges.

The opposition which defeated the amendment by 162 to 50 votes was led by Henry M. Barbour (R.), Representative from California. Mr. Barbour contended that its passage would have forced institutions desiring required military service to change their curriculum, and would, therefore, amount to government supervision of education.

$700,000,000 WORTH OF CONSTRUCTION READY TO START

(Continued from Page 1)

and men and women are taken out of the ranks of the unemployed.

Contracts for federal aid road projects totaling $12,109,196 were awarded in December, Thomas H. McDonald, chief of the Bureau of Public Roads, notified Colonel Woods today. The list includes 184 separate projects in 27 states.

The increase in federal aid funds will have a considerable effect on road construction and employment in 1931, Mr. McDonald says. At the beginning of the year 9088 miles of federal aid road were under construction, at a total cost of $233,397,046, and involving $99,572,832 of federal aid. There were also 2875 miles to be placed under construction, at a cost of $80,393,835, and involving $25,530,501 of federal aid.

The funds available for new projects on Jan. 1 amounted to $144,725,776 of regular federal aid funds and the recent emergency appropriation of $80,000,000, to be advanced to the states for use in matching the regular federal aid funds.

The Red Cross announced yesterday that up to Jan. 14 it had spent $1,352,837.54 for relief, including seed, clothing, food, etc. Its records show that 21 states are affected by the drought, with acute distress in 383 counties. The total amount of cash grants made by the national organization to Jan. 14 was $619,781 and 405,000 persons are being cared for.

Cash grants for food relief for drought victims have been given by the Red Cross in all but nine of the 75 counties in Arkansas, John Barton Payne, chairman, announced.

Massachusetts Lawmakers Seek to Relieve Jobless

Numerous proposals to provide further unemployment relief were included in the flood of bills and petitions which continued to pour in from members of both branches of the Massachusetts Legislature yesterday, as the time limit for filing—5 p. m., Jan. 17—draws near.

Legislation which would permit any permanent resident of a city or town, temporarily unemployed and in need of financial assistance, to borrow from the community a weekly amount not exceeding $5 each for himself and each dependent, is sought in a petition filed by J. Arthur Baker of Pittsfield.

Such loans would be repaid in weekly installments of not less than 1 per cent of the total loan, plus 3 per cent interest, according to the bill. Any community accepting the plan would be authorized to issue bonds to obtain the necessary funds.

A bill asking the State to set aside $2,000,000 a year in a fund which would be expended by the Governor with advice and consent of his council, to make loans to any town applying in times of decreased employment, was filed by Revere's legislative representatives.

Frank D. Hurley, Senator from Holyoke, filed a bill to permit appointment of applicants for public office in state, cities or towns regardless of the age of the applicant. This removal of age limit would include policemen and firemen.

Other significant bills would provide for employment by the State of a publicity and advertising expert to stimulate the interest of Massachusetts citizens in the laws and government of the Commonwealth; provide for appointment of the Police Commissioner of Boston by the Mayor of that city; set up a commission to investigate the advisability of electrifying all railroads entering Boston, and the possibility of connecting the North and South Stations by a subway.

Philadelphia Hires More

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

PHILADELPHIA, Jan. 15—According to a report today from the committee for unemployed, 550 men have been added to the pay rolls of the bureaus of traffic and of street cleaning within the last two days. Another 100 men will be given work through the same agency on Monday, cleaning up rubbish from unoccupied property, and 220 will be added to the 700 working in Fairmount Park. Each of the men given work is the head of a family, whose case has been carefully investigated.

Employment Study Urged

SPECIAL FROM MONITOR BUREAU

CHICAGO, Jan. 16—Recommendation that Gov. L. L. Emmerson's Commission on Unemployment and Relief undertake a more thorough study of methods of employment stabilization and prevention of business depression was made by the executive board of the Illinois Federation of Labor in a resolution sent to the commission and to Governor Emmerson this week. The commission also was urged to bring "the subject matter of the resolution to the attention of the federal commission on unemployment."

Creek Project Gives Work

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

KINSTON, N. C., Jan. 15—A unique unemployment relief project in this part of the country was launched here this week when several hundred pick and shovel laborers started deepening and widening the creek that forms Kinston's eastern boundary and drains a part of the city. Only men without jobs will be employed. The creek known as "The Adkin," is historic, near it the first settlement of whites in this section was founded.

The Ventriloquist

How They Could Fool Us—When We Were Very, Very Young!

Music

Reinald Werrenrath

Last night in Jordan Hall, Reinald Werrenrath, baritone, gave a recital of songs with comments. He presented first five songs of Schubert, "Aufenthalt," "Nachtstück," "Der Doppelgänger," "Wo is Sylvia!" and "Gruppe aus dem Tartarus." To Brahms he dedicated the second group, presenting five songs, including "O wüsst' ich doch den Weg zurück," "Tambourliedchen," "O Kühler Wald," "Sonntag" and "Von Ewiger Liebe." In five songs by Hugo Wolf Mr. Werrenrath paid tribute to this composer in the third group, listing "Zur Ruh, zur Ruh!" "Auf ein altes Bild," "Lieber Alles," "Lebe Wohl" and "Liebesglück." Harry Spier was the accomplished assistant at the piano.

An audience which more than comfortably filled Jordan Hall assembled to hear Mr. Werrenrath in a program announced as one of strict informality. The singer at the outset remarked that those present evidently came because they liked good songs, since there was not a poor one on the program, nor did he propose to offer any of inferior worth. Although his remarks concerning the songs he sang were confined to notes read from manuscript, he humorously apologized for their presence by saying that he had written them, so why shouldn't he read them?

Since Mr. Warrenrath had sung so recently in this city, it seems hardly necessary to comment at length upon his manner with the composers chosen for last night's program. Although they were, as he stated at the outset, songs of merit, there was, curiously enough, no song of really great dimensions, no song that made serious demands upon the singer, with perhaps the exception of "Der Doppelgänger" by Schubert, "O Kühler Wald" by Brahms or "Liebesglück" by Wolf, each of which made demands in a variety of ways; yet to the audience he made instant appeal, and both remarks and songs were received with extraordinary warmth and enthusiasm. Encores were granted, among them the "Sapphic Ode" by Brahms and Schubert's "Meer Gestillen."

G. M. S.

SHOE CONTRACT AWARDED

WASHINGTON, Jan. 16 (AP)—The Joseph Herman Company of Boston yesterday was awarded a contract to manufacture 75,000 pairs of navy regulation shoes. The price was announced as $209,277.

Greco-Turkish Peace Secured; Sofia Unafraid of Soviet Grain

Bulgaria Sees No Threat in Dumping of Russian Wheat

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

SOFIA, Bulgaria—Although the agricultural states of eastern Europe are hard pressed by the crisis which the vast shipments of wheat into Europe have caused, and in spite of the fact that the situation has been made worse this year by the dumping of cheap Russian grain, agricultural experts here do not believe that Russian grain will have much influence on the European market. They do not anticipate that that country will produce very large quantities of cereals for export.

Dr. Yanaki Molloff, formerly Minister of Agriculture in Bulgaria, says that "the Russians, like all human beings, are subject to economic law and, whatever form of government they may have, they cannot abolish economic forces nor escape international competition.

"Neither wheat nor anything else can be produced over a long period of time at a loss," he adds. "Grain will not be raised by Bolsheviks nor anybody else if it must be sold for less than it costs. And its costs will be the price and upkeep of machines, transport expenses and at least a minimum living for the peasants.

"Whether wheat is raised on cooperative farms by Communists or in little fields by free peasants or on great American and Australian prairies, all these elements of production are present. Whatever the rural organization may be in Russia, the machines have to be paid for and the farm workers have to be fed and clothed.

"The introduction of collective farming and the use of machinery may reduce the need of workers, but those peasants still exist and have to eat. They cannot go to the cities which even now have larger populations than can be absorbed, nor can they enter industry which is already overcrowded, so they will still have to be maintained by the land even though machines have made them largely unnecessary.

"Since, therefore, machinery is no cheaper in Russia than in America and other new countries, and since farm hands are not used any more profitably, grain cannot be produced in Russia any cheaper than in other countries. But since the operation of unavoidable economic forces have made the price of wheat as low as, or lower than, its cost, it can no longer be produced for foreign markets."

ROOSEVELT FAVORS BRIDGE DEPARTMENT

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

ALBANY, N. Y., Jan. 15—Introduction of a bill for a temporary commission to report within 30 days on a proposal for a permanent New York State Bridge Authority has been agreed upon by Gov. Franklin D. Roosevelt and the Republican leaders.

The new authority would take over the construction and management of all state bridges, save those controlled by the New York Port Authority and those in the Champlain area.

The Governor said the Bear Mountain Bridge could be recaptured immediately for $4,500,000.

Pact Signed for Protection and Promotion of Near East Amity

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

ANGORA, Turkey—The pact of amity between Turkey and Greece, the naval protocol by which they agree to give six months' notice of intention to augment their present naval strength, Turkey's support of the proposed Balkan Federation, and its participation in the Geneva disarmament conference are events which have lifted the Turkish Republic from its Oriental setting and deposited it within the portals of Europe.

Turkey is in the foreground of international affairs for the reason that the treaty signed by Ismet Pasha, Premier of Turkey, and Eleutherjos Venizelos, Premier of Greece, goes beyond an ordinary amicable understanding. In reality it binds the two countries in an entente, the avowed purpose of which is to preserve peace in the Near East.

Turkey and Greece, united, assume a major rôle as common peacemaker, which Premier Venizelos declared would have far-reaching results in this part of the world, and which the Greek Foreign Minister, Andrew Michalakopoulos, said made the pact, when measured in miles, "more important in international accord than the results of the Treaty of Locarno."

The protocol may be called the quintessence of the entire treaty. Behind its simplicity is seen a new form of naval parity accord. It is not a disarmament agreement. On the contrary, it facilitates the increase of armament whenever either or both nations consider it wise to do so.

A six months' notice from one to the other permits the advised party also to commence a program of naval increase, so that both Greece and Turkey may present a united front in the event of danger, for the entente is purely defensive, with no thought of aggression, and is founded on the belief that neither England or France would be in a position to protect them.

Separately, Turkey and Greece have concluded commercial treaties with Russia, and are using every effort to avoid any situation that would turn the Soviets against them.

The visit of Tewfik Rushdi Bey, Turkish Minister of Finance, to Moscow, had for its purpose the cementing of friendship with Russia, although since Jan. 1, 1930, the Soviets have shipped more than 2,500,000 tons of grain from Black Sea ports, out through the Bosphorus, thereby reduring the price of wheat in Turkey from 1½ cents to less than 1 cent a pound, and putting a crimp in Turkish export.

Reliable figures indicate that not less than 80 per cent of this grain went to England, cutting seriously into the export of barley from Smyrna to England. All of this has made no difference in Tewfik's peace maneuvers, and even the plight of hundreds of thousands of Russian Turks, despoiled of their farms, has not moved him to a whispering protest, for he believes that diplomatic protest would only irritate the Soviet Government, and cause more serious reprisals upon the Turkish inhabitants of the Caucases and Turkistan.

After the signing of the Turco-Greek pact, the writer asked Premier Venizelos if Greece would follow Turkey's example and decline to join France against Russian export. Without in the least intimating that France had not made the request, the Premier replied that Greece had a commercial treaty with Russia which they most certainly would not denounce.

Double Deck Road Plan Is Advocated

Building of the proposed Central Thoroughfare in Boston, with double-decked highways part way, was urged by F. H. Fay of the City Planning Board, speaking to members of the Building Owners' and Managers' Association of the Boston Real Estate Exchange yesterday.

In outlining the plan, which he said would relieve congested traffic conditions, Mr. Fay declared that 40 per cent of the traffic in downtown Boston streets has no business there. If such a thoroughfare were erected, according to Mr. Fay, traffic conditions in the downtown district would be improved 50 per cent. He also declared that the project would bring new customers to Boston and valuations and rentals downtown would be increased.

The road, Mr. Fay said, would impose no special taxation on downtown business property. The metropolitan district, as well as downtown business men, would be benefited by the highway, he continued, therefore all Boston taxpayers would bear the cost.

1769 HARPSICHORD IS PLAYED AT YALE

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

NEW HAVEN, Conn., Jan. 15—A harpsichord built in London in 1769 a part of the Morris Steinert collection of musical instruments at Yale, was used last night in a concert under the auspices of members of the faculty of the Yale School of Music. The instrument was built by Jacobus Kirkman, a famous English builder of the eighteenth century, who was as well known on the Continent as he was in England.

This collection of musical instruments at Yale, one of the most complete of its kind, contains a harpsichord which belonged to Napoleon, and pianos once the property of Haydn and Beethoven. The Napoleon harpsichord, also built by Kirkman, was given by the Emperor to a French sergeant, who brought it to this country.

The collection was presented to the university by Mr. Steinert in 1900, and contains ancient keyed and stringed instruments which show the development of these instruments during a period extending over several centuries.

MOTORISTS TO HAVE COURSE IN REPAIRS

With a view to aiding automobile operators in the safe use and care of their cars at the lowest possible expense, the Massachusetts Department of Education's Division of University Extension anonunces the opening of courses in "repairing" and "starting, lighting and ignition," Jan. 19, in the Massachusetts School of Art, Boston.

Inasmuch as many persons desire to enroll in both courses, classes will be held consecutively, from 6 to 7:30 p. m. and from 7:45 to 9:30. John J. Gildee, who has given courses in this field for 10 years, will be in charge, it is anonunced.

Selective Basis Is Proposed for Immigration Restriction

Commissioner-General's Plan Embodies Hoover Policy of Rejecting Aliens 'Not Adapted to Our National Settings'

SPECIAL FROM THE CHRISTIAN SCIENCE MONITOR BUREAU

WASHINGTON—The proposal to put immigration restriction on a new and completely selective basis, as an all-time solution of the problem, was made by Harry E. Hull, Commissioner-General of Immigration, in an interview here.

Mr. Hull's proposal embodies the conclusion reached after five years' executive experience with the matter as Immigration Commissioner. It would carry the Hoover policy of giving limited discretionary power of rejecting aliens to consuls on the grounds of liability to become public charges one step further by giving consuls full power to reject all applicants "who are not adapted to our national settings and who are not needed economically or in industry."

This system, Mr. Hull states, in some form or other, is in effect in practically all other countries faced with an immigration problem, including Canada and Australia. It would eliminate, Mr. Hull holds, the bitterness and resentment in Japan over the law which specifically singles out Japan for special restriction. And it could be achieved, he states, by only a slight change in the present immigration acts.

Mr. Hull's statement is made at a time when House and Senate, and the State and Labor Departments are discussing plans to make the exchange quota system based on national origins more drastic. David A. Reed (R.), Senator from Pennsylvania, and Albert Johnson (R.), Representative from Washington, have proposals for a complete two-year immigration holiday during the present economic depression.

Henry L. Stimson, Secretary of State, and William N. Doak, Secretary of Labor, propose a 90 per cent cut in immigration based on present quotas. Meanwhile, President Hoover has instituted drastic restrictions through the agency of consuls, by which thousands of would-be immigrants are rejected on the ground that they might become "public charges." November immigration admittances dropped 57 per cent over the same month a year ago, with Canadian entrances cut 76 per cent and Mexican 79 per cent.

The proposed change offered by Mr. Hull would be the insertion in the Act of Feb. 5, 1917, which enumerates classes of aliens to be excluded, the following words, "all persons who are not adapted to our national settings and who are not needed economically or in industry." With the deletion of two other minor phrases of immigration acts in 1917 and 1924, Mr. Hull believes that this would put immigration restriction on a new and sounder basis, and remove many anomalies of the present law.

The present quota system, for example, is not selective, Mr. Hull asserted. There may be a glut of coal miners in America, but more coal miners are admitted if they desire to come in, and can get quota numbers. On the other hand the nation may need entrepeneurs of manufacturers in a certain line, and these may be excluded by inability to get quota numbers. President Hoover has urged that greater discretionary power be given to the Labor Department and eventually Congress is expected to act in a fashion that will partially meet Mr. Hull's desires.

Under the extreme flexibility of his proposal, Mr. Hull stated, it would be possible to shut down entirely on immigration at a time of general business depression, when there were not jobs enough to go around, and could expand if demand grew for workers or immigrants of any given type. Under a similar discretionary system in vogue in Canada, he said, Orientals are excluded from the Dominion but without offense to the Japanese.

If Congress decided that Filipinos were not "adapted to our national settings," Mr. Hull pointed out, as is now being urged by Mr. Reed, they could direct the President to that effect without necessarily altering the proposed immigration law. The phrase, "adapted to our national settings," Mr. Hull said, is based on one used in a speech by President Hoover.

The Senate Immigration Committee is now working on a new alien restriction bill based on the Stimson-Doak proposals. Its first meeting will be Jan. 13, at which time it will take up House bills dealing with deportations and proposed naturalization changes.

Need of World Mind in America Urged

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

WELLESLEY, Mass., Jan. 16—Absence of "international mindedness" in America was called the greatest obstacle to friendly relations between the United States and Great Britain by Prof. Robert McElroy, holder of the chair of American history at Oxford University.

Speaking here yesterday on "Current Obstacles in Anglo-American Relations," Professor McElroy, who was formerly professor of history at Princeton University, defined the "international mind" as meaning "higher loyalty to principles than to nations," and said that this ideal must of necessity be achieved by America sometime in the future.

Other serious obstacles, he said, were the fact that the Senate had to act on all foreign affairs, thereby making it impossible for American diplomats to take any definite stand in international discussions and conferences; and the prejudiced viewpoint on the American Revolution presented by history textbooks. This is now being corrected to a large extent, he said.

J. P. MORGAN ADDS TO PARK HOLDINGS

GLEN COVE, N. Y., Jan. 14 (AP)—To enlarge the holdings out of which he intends to create a shore park in memory of his wife for residents of Glen Cove and Locust Valley, J. P. Morgan has purchased the $250,000 estate of John S. Appleby, at Glen Cove landing.

Mr. Morgan first offered the park to Glen Cove in 1926. It will be one of the finest in the United States when it is completed. Mr. Morgan will leave Friday by rail for Florida for a month's cruise aboard his yacht Corsair.

NINE SHIPS BRING $13,425

PORTLAND, Me., Jan. 16 (AP)—Court approval of the sale by auction Wednesday of nine schooners of the bankrupt New England Maritime Company, was held in abeyance today with the prospect that the vessels might be purchased en bloc by the principal stockholder of the concern. The nine vessels, built at an aggregate cost of more than $1,000,000, were auctioned for a total of $13,425.

DROUGHT FUND STARTED

Checks for $10,000 and $2000, from two anonymous persons, the first gifts to the Boston Metropolitan Chapter of the Red Cross for its $300,000 quota of the $10,000,000 national drought relief fund, were announced, last night, by James Jackson, chairman.

Japanese Sacred Bird Joins Jazz Chorus in New York's Poultry Show Symphony

SPECIAL FROM THE CHRISTIAN SCIENCE MONITOR BUREAU

NEW YORK, Jan. 15—A barnyard symphony echoed from the exhibition hall of Madison Square Garden at the opening of the Forty-second Annual Poultry Show there yesterday.

Fowls, large and small, roosters, geese, ducks and pigeons of many varieties, added their shrill or hoarse notes to the general chorus which proclaimed their approval of the quarters they will occupy until the exhibition closes on Jan. 18.

A total of 4979 singles were on display in all departments, sponsors of the show said. Exhibitors in the large fowl department number 209 and come from 31 states and two provinces of Canada. In the bantam department there are 157 exhibitors from 20 states and six from Canada, with 1027 single exhibits and 62 trios.

Exhibits of pigeons, which were said to be the largest number entered in the show since 1926, were entered by 248 exhibitors from 18 states, with a total of 2419 pigeons. A total of 751 exhibitors rom 36 states and Canada are represented in the show.

Twenty-six 4-H Club exhibitors from four states are represented by 60 single entries, comprising the state and sectional winners which are brought to the Garden for the national contest.

One unusual exhibit is a rare Yokohama fowl, or long-tailed Japanese, with a tail 50 inches long which droops like strands of narrow ribbon as he struts about on his perch. His color is white and iridescent shades with a greenish sheen, the tail being entirely of the dark feathers. When he descends from his perch, his tail must be wrapped up on a sort of speel to prevent him from becoming entangled in his own feathers. This exhibit was raised by J. T. Lyle, of Plainfield, N. J. It was brought from Japan as a tiny chick a year ago. Japanese laws, it was said, forbid the export of these fowls when they are grown, as the Japanese consider them a sacred bird.

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Just open up enough cans to serve everyone and warm the beans. Serve Friend's brown bread with them, for a real, old-time New England supper. Everyone will enjoy it, it makes little work, and the cost is low enough so you can make a good profit for the organization sponsoring it.

Boston Souvenir Package

It makes a nice trial package, or you can buy a quantity of them to sell as souvenirs of your old-fashioned New England supper. The Friend's Boston Souvenir Package contains a small can of beans (generous individual serving) and a real bean pot in which to warm and serve them . . . postpaid 25 cents.

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Best Large Iceburg Lettuce,	head 10c	Best Dried Beef, 4 oz. pkg.	pkg. 20c
Best Oranges	doz. 15c and up	Quaker Oats, lge. pkg.	pkg. 22c
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WOMEN'S CLUBS SEEK TO HELP LIFE IN FAMILY

General Federation Sees Need for Training to Get Best Results

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Jan. 15—On the premise that living together in the family is an art in which men, women and children must be trained, the board of directors of the General Federation of Women's Clubs, in session here, has based a program of activities designed to strengthen the place of the family in American life.

Training that will improve relationships between husband and wife, between parents and children and among children was termed by Mrs. John D. Sherman, chairman of the Department on the American Home, who proposed the program, one of the vital needs of the home today. "The fundamental human values in family life are the product of the interaction of personalities within the family," she quoted from findings of the White House Conference on Child Health and Protection.

A properly planned educational program in the rudiments of harmonious family life should give both individual freedom and social solidarity to the family, Mrs. Sherman believes.

Her recommendations were backed by brief addresses by Dr. Louise Stanley, chief of the bureau of home economics and Miss Martha Van Rennselaer, assistant director of the Child Health and Protection Conference.

The federation's program is planned to give the widest dissemination possible to information on how to live harmoniously at home. It will include training of school teachers in the subject, education of pupils "in whatever way conditions might suggest as best," provision by state educational systems in one institution at least for adequate training of teachers in family relationships, inclusion of family relationships in the boys' and girls' club programs of land grant college extension services and preparation of courses of reading and study along this line by public libraries.

"Know your public schools" is the slogan adopted by the education committee, headed by Mrs. Fred L. Pigeon of Boston. Club women, Mrs. Pigeon said, should be active in interesting in public school welfare the large, powerful groups of citizens in each community which have no opportunity to come into close contact with the schools.

She named training in self-control, refinement, and use of leisure as proper functions of the public school, pointing out that perfection in these would go far in the preparation for good citizenship.

Dr. Clara B. Burdette of California, whose six-year term as chairman of the board has expired by legal limitations, has been succeeded by Mrs. Dexter T. Knight of California. Mrs. Jessie Spafford, of Illinois, is the new vice-chairman and Mrs. Walter S. Comley, of New York, secretary.

Dr. Burdette, who is in charge of the federation's endowment fund, reported that every state has undertaken a fund-raising program. Nine have adopted the California "penny-a-day" plan.

Upon receipt of President Hoover's proclamation authorizing the raising of a $10,000,000 fund for relief of the drought-stricken areas, the board adopted a resolution recording its continued coöperation with the Red Cross.

The women visited Annapolis yesterday as guests of Admiral S. S. Robison, superintendent of the United States Naval Academy, and were received there by Gov. Albert E. Ritchie of Maryland. After today's meeting they were received by President and Mrs. Hoover at the White House.

Banding of 23,000 Birds Reported by Association Seeking Their Protection

More than 23,000 birds, from tiny humming birds to great blue herons, were banded by members of the Northeastern Bird-Banding Association during 1930, it was revealed at the joint meeting in the University Club auditorium today of that association and the Federation of Bird Clubs of New England.

Since 1922, when the association was organized, a total of 125,000 birds have been banded by the group, according to Mrs. Alice B. Harrington, recording secretary. Of this number, 2000 have been recaptured, thus giving reliable information about birds and their migratory habits, which is being used in working out protective measures for their conservation, she said.

One hundred and sixty species were banded in 1930, Mrs. Harrington said. The longest recorded flight of any recaptured bird carrying the band of the association, she said, is that of an arctic tern which flew from Labrador to Natal, South Africa, in just 100 days—having made the flight of 9000 miles at the rate of 90 miles a day.

Intimate glimpses of the bobwhite quail were shown in a motion picture film exhibited at the afternoon session by Herbert L. Stoddard, formerly of the Bureau of Biological Survey in Washington. Bird banding and its relation to bird distribution were discussed by Dr. Herbert Friedman, curator of the division of birds of the Smithsonian Institution.

MAINE ROAD WORK TO BE STARTED SOON

AUGUSTA, Me., Jan. 16 (AP)—Filling in of portions of the proposed federal aid concrete roads on Route 1, Wells, probably will begin immediately upon approval of the project by federal engineers, Lucius D. Barrows, chief engineer of the Highway Commission, said yesterday.

Plans for the 6.95-mile stretch were divided into two parts. One plan has been approved by authorities at Washington, and the state commission expected approval of the other shortly. This construction would utilize approximately $430,000 of the federal loan to Maine of $715,799.

CABINET NEAR BREAK OVER LANGUAGE ISSUE

BRUSSELS, Jan. 14 (AP)—Possible resignation of the Cabinet over the dual language issue was averted today when the Chamber of Deputies voted confidence in the Government by 84 to 73, with three members abstaining.

The Government was interpellated yesterday by Liberal leaders concerning recent disturbances at the University of Ghent, where the dual language issue has caused a series of disturbances in recent months.

FEDERAL INSPECTION OF APPLES FAVORED

Federal inspection of apples to supplement the present state inspection in New England is urged by leading apple growers, and by heads of market bureaus in the various state departments of agriculture, according to Harry L. Piper, editor of the Agricultural News.

The question of inspection was discussed with an official of the United States Department of Agriculture at a recent conference among marketing officials. A plan outline included a supervisor appointed by the federal department to select and train men as local inspectors. The necessity for federal inspection at shipping points was clearly shown during 1930 because of the federal certificates requirement on all apples shipped to England, Mr. Piper explains.

Better Anchorage Area Advocated

Seeking an anchorage area designated especially for use of vessels entering the port of Boston from foreign ports, Dr. Alvan R. Sweeney, in charge of the Boston quarantine station, has petitioned the army engineers for a hearing, to determine whether ranges of the present anchorage area should be changed by the department or by the harbor master of the port of Boston.

An informal conference was held before Col. Sherwood A. Cheney, district engineer, Jan. 14, at the Custom House, and Dr. Sweeney explained that vessels often move up to the extreme easterly end of the present anchorage area and cannot be seen from the station. He wants an area designated that will insure vessels being seen from his station to facilitate the work of his department. Colonel Cheney said the question of having the ranges changed rested with the harbor master, Capt. Ross A. Perry.

Pilots, members of the Boston Port Authority, the Maritime Association of the Boston Chamber of Commerce and others interested said there is not now sufficient anchorage area in the lower harbor and that any subdivision would reduce the space now available. Capt. Matthew L. Kelly, commander of the city institutions steamer Michael J. Perkins, favored having many vessels anchor 200 yards westward of the present area, relieving him of the worry of his vessel losing steerage way in thick weather and thus colliding with an anchored vessel.

TALKIES ARE USED IN SALES PROMOTION

Practical application of sound pictures in sales promotion work of retailers and in training and educating store employees and the public is to be demonstrated at a private showing at the Hotel Statler, Jan. 23. The Western Electric Co., and its affiliated company, the Electrical Research Products Corporation, is working out plans with the National Retail Drygoods Association to utilize sound pictures for these purposes.

The Bell system, of which the Western Electric is a part, has spent several million dollars in the past two years on research work, seeking to apply sound pictures to business and industrial purposes. The project is a new development into which the Retail Trade Board of the Boston Chamber of Commerce is looking.

Registered at the Christian Science Publishing House

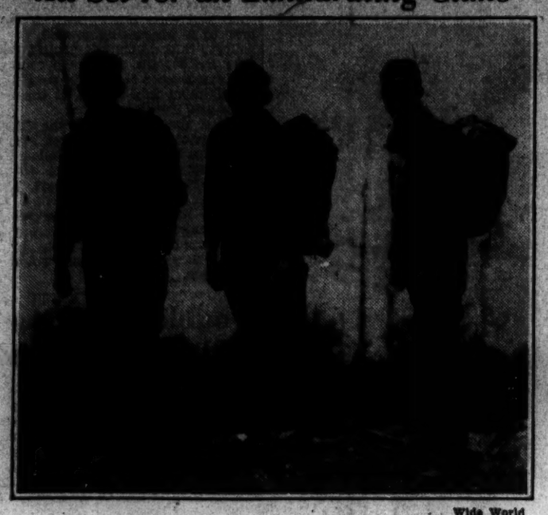
Among the visitors from various parts of the world who registered at the Christian Science Publishing House yesterday were the following:

Mrs. Minnie C. Huntsberger, Massillon, O.
Mrs. Joseph Armata, Brooklyn, N. Y.
Joseph Armata, Brooklyn, N. Y.
Miss Eleanor F. Gilbert, London, Eng.
Mrs. Dorothy E. Oliver, Windsor, Ont., Can.

BIG PIPE ORDER RECEIVED

The National Tube Company, a subsidiary of United States Steel Corporation, has received an order for 30,000 tons of seamless pipe.

All Set for an Exhilarating Climb



Wide World

THREE STURDY LADS ON THE MARK

Equipped With Food and Blankets the Young Mountaineers' Objective Is the Peak, or as Near as They Can Get to It, of Mt. Oglethorpe in the Appalachian Trail.

NATION'S HIKERS TO BUILD TRAILS ON APPALACHIANS

Glories of Georgia Mountains to Be Opened Up by Clubs

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

TATE, Ga.—The highly picturesque Appalachian Trail, winding over 2000 miles and scaling whenever possible the intervening mountain peaks between Mt. Oglethorpe, Georgia, and Mt. Katahdin, Maine, has stimulated interest in the nation's hikers, which has expressed itself in the formation of a chain of Appalachian Clubs along the pathway of the trail, to which was added recently the Georgia Section of the Appalachian Trail Club, which was organized at a well attended meeting in the north Georgia mountains, where this trail has its southern terminus.

Mt. Oglethorpe, near the Tate Estates, upon the peak of which recently a monument was erected in memory of the founder of Georgia, Gen. James Edward Oglethorpe, marks the beginning of the Appalachian Trail, which leads 2000 miles to Mt. Katahdin in the State of Maine.

The newly organized club stated that its purpose will be the building of trails and camps for hikers and horseback riders in the Georgia mountains, and the conducting of organized weekend hikes for its membership in the mountain region. Col. Sam Tate, owner of the Tate Estates, who is developing on a large scale the beautiful country adjacent to his property, quotes Horace Kephart of Bryson City, N. C., probably the most widely known living exponent of the southern Appalachians, writing to him recently after a visit to the Tate Estates and Mount Oglethorpe in the interest of the Appalachian Trail Conference, as follows:

"The Appalachian Trail Conference is an association of national and state forest park services, and of outdoor clubs in all of the 13 states through which the trail runs.

"The purpose of these affiliated organizations is to promote, construct and maintain a connected trail, called the Appalachian Trail, running as far as practicable over the summits of the mountains and through the wild lands of the Appalachian Mountain system from Maine to Georgia.

"It is a long, long trail; something over 2000 miles, I suppose, with all its bends and windings. And it is seldom level, but goes up and down, up and down, over a thousand hills and slopes. It would take an athlete, and a very determined one, to follow its course from end to end. Even so, it would take him four or five months to make the trip. Few will do that; for the pleasure of a walking trip is in the scenes and surprises of it, the fresh air and the exhilaration of lusty muscular movement, the enjoyment of unspoiled natural surroundings, the peace of mind and relaxation from common everyday affairs—not in breaking a speed record or an endurance record; so the sensible walker goes till he's tired and then stops for the day.

"But all along that trail, in nearly every mile of it—certainly every day's ramble that could be taken on it, anywhere—there is something new and interesting, or even marvelous, or quaint and lovable, for anyone with an open mind and a free soul. And so, all along its sinuous course, in every state, in every county, through the greater part of the year, there will be people rambling over its wooded and flower-decked hills and dells, each pursuing his fancy and having a good time on his way. It will do them more good than sitting still in a stadium, and watching a few other folks play the game. And it will cost them nothing but their lunches and the sole-leather they wear out. This is recreation for everybody who is not blind or lame of body or soul."

HIGHER GASOLINE TAX IS PROTESTED

Allen H. Wood, president of the Boston Automobile Club, declared, Jan. 15, that his club opposed the bill introduced by the Boston Real Estate Exchange, proposing an increase of the present gasoline tax from 2 to 4 cents.

The Boston Automobile Club, he said, and others connected with the American Automobile Association, all have believed the gasoline tax to be legitimate only when the tax is used for the building and maintenance of roads. The proposed bill provides for 1 cent of the 2-cent increase to be added to the highway fund, he pointed out. Mr. Wood added, "We have not heard any requests from the Highway Department for an increase in income."

BOSTON SAVINGS TO BE TOLD

How Boston merchants have saved thousands of dollars by standardization and simplification of store supplies will be told delegates at the annual convention of the National Retail Drygoods Association at New York City, Feb. 5, by Daniel Bloomfield, manager of the retail trade board of the Boston Chamber of Commerce. His subject is to be: "Marking Simplification of Store Supplies Pays Dividends Through Group Action."

OIL MEN ASK CONGRESSIONAL INVESTIGATION

Committee of Producers to Sound President's Views on Emergency Tariff

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Jan. 16—The conference of independent oil producers called by the Governors of 11 oil-producing states ended its first day's session yesterday by demanding a congressional investigation of alleged price-fixing and inequitable curtailment of production in the fields and by appointing a committee to interview President Hoover on his attitude toward an emergency oil tariff.

Assured earlier in the day by Patrick J. Hurley, Secretary of War, that the Administration has not taken any stand as yet on the question of an oil tariff and drawing added encouragement from the advocacy of such a tariff by Vice-President Curtis in the 1928 elections, they were confident that Mr. Hoover would at least not follow the position of Dr. Ray Lyman Wilbur, Secretary of Interior, who has consistently advocated conservation of domestic oil production.

In an address before the conference, J. Edward Jones, oil producer from Independence, Kan., said he knew the President appreciated the needs of the oil industry and "that he is sympathetically inclined toward our requirements."

Dr. Wilbur's reported remark that "overproduction is the basic ill of the industry and, besides this, our imports of petroleum are negligible forming only about 10 per cent of the production," was characterized by Mr. Jones as suggestive of such a profound lack of knowledge concerning the fundamentals of both economics and of the oil problem, that they attract notice only because of his high official position."

"We were disappointed that the President did not recommend some action in the oil situation in connection with his recommendation for relief of unemployment," Wirt Franklin, president of the Independent Oil Producers' Association of the United States, stated. "We are not asking for a dole. We have noticed many bills pending in Congress seeking to appropriate federal funds for drought relief, unemployment relief and the like. All that the oil producing states ask is the passage of a tariff so that we can take care of our own unemployment problem. We won't need federal funds then."

WORCESTER TO HAVE NEW SCHOOL FOR BOYS

WORCESTER, Mass., Jan. 15 (AP)—A departure in education was announced by the Worcester school department last night when it said it would inaugurate a new school for boys of the seventh and eighth grades to whom too much academic work is irksome. Shop work has been designed to fit the boys for trades, and their school-book work will be confined to English, arithmetic and citizenship. Their time will be equally divided between the classroom and the shop.

Thomas F. Power, assistant superintendent, said so far as he knew there was nothing like it in this country. He said that it definitely was not for "bad boys," but was designed to help some types of boyhood to enjoy school work and at the same time better fit themselves for useful careers.

Gov. Ely Explains Why Tax Won't Rise

Admitting that his argument to the effect that, by spending money, taxes are kept down, sounded paradoxical, "that is the way it works out," declared Gov. Joseph B. Ely, last night, in the Hotel Statler, Boston, before 500 members of the Massachusetts Real Estate Exchange, and friends, at the exchange's annual dinner.

Elucidating his ideas on the abandonment by the State of its financial policy of "pay-as-you-go," the Executive declared that, if the program is carried out in the next two years, the State can refrain from an extensive building program in 1933, taxpayers thereby being helped. He asserted that the $20,000,000 he requests can be raised without taxes being increased a single dollar in 1931. But he could not say that taxes would stay where they are today "if the present policy is adhered to."

His program, the Governor stated, is in accordance with the recommendation of President Hoover that, in time of depression, the Government organize itself to put its resources at work in the construction of buildings and highways. The Governor said he hoped the Legislature may see fit to coöperate with him in his efforts to remedy the situation. The payment of the debt, he said, he expects to be made through the media of automobile registrations and the gasoline tax.

Dormitories Named Wigglesworth Hall

Wigglesworth Hall is the name given to two new dormitory buildings now being erected directly in back of Widener Library at Harvard University. This announcement by University Hall is the result of a corporation vote made public today.

Wigglesworth Hall is so named in view of the fact that the two Edward Wigglesworths, first of the class of 1710 and second in the class of 1749, lived for nearly 70 years on the site of the new building and were first holders of the Hollis Chair of Divinity, son succeeding father in 1765.

The entire family has been prominent in the history of Harvard University from the time when Michael of the class of 1651 was a tutor and member of the corporation. In six generations, none in the direct line has fallen below third scholar in his class.

George Wigglesworth of the class of '74 was for two terms an overseer of Harvard College, and for the last three years thereof president of the board.

Harvard Clubs Name Schools Committee

In order that Harvard may be of greatest service to the cause of national education, the associated Harvard Clubs have appointed a schools committee to maintain a more helpful relationship between the university and the secondary schools.

The function of this committee is to find and interest superior boys in coming to Harvard, so that the university may be able to choose the best, thus maintaining the highest possible standard of quality and equipment with which to work to greatest advantage.

The committee recommends that Harvard clubs all over the world make a survey of the secondary schools, establishing personal contacts with school officials within the club territory supplying them with all necessary information concerning Harvard and meeting prospective candidates, for assistance in matters of admission and scholarships, where need is met.

BAN ON BUTTER SUBSTITUTES IS URGED BY PUTNAM

New Hampshire Farm Bureau Head Makes Plea for Home Products

CONCORD, N. H. Jan. 16 (AP)—Banning of butter substitutes by state institutions and the New England public was offered today by George M. Putnam, veteran rural leader, as one plan to aid the farmer to recover his "economic equilibrium."

Mr. Putnam, for 13 years president of the New Hampshire Farm Bureau Federation, is one of the oldest farm bureau leaders in point of service in the country.

"I question the wisdom," he said in his annual report today, "of using any substitutes for dairy products at any time. There certainly is no justification gor it under present conditions, when good grades of butter are selling at 28 to 30 cents a pound, the lowest price since 1910.

"Under existing conditions, I believe the State should give preference to products produced by its own citizens and taxpayers."

In his consideration of the national farming problem, he said: "I fear we have all failed to accept what we know to be a fact, that with an industry in distress which represents nearly one-third of the population of the nation and a capital investment greater than $54,000,000,000, as does agriculture, we cannot have general prosperity."

He recommended the following:

Tax revision to equalize burdens and lessen levies on farm property and timber land.

Further development of coöperative marketing.

Immediate completion of cattle tests.

Enlargement of scope of Agricultural Department's Bureau of Markets.

$50
for Your Old Radio or Phonograph
This big allowance will be made toward the purchase of a VICTOR RADIO—the NEW and wonderful radio that enables you to make your own records and play them through the radio set. Nothing like it! Come in and hear it! No obligation.
Roper's
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WORCESTER, MASS.

OUR
Stock Taking Sale
is now in progress
Over two hundred Suites and one thousand Odd Pieces at Sharp Reductions.
SHOP NOW AND SAVE
Fowler-Furniture-Company
108-116 FRANKLIN STREET
WORCESTER, MASS.

NOW ON!
LIBERAL BUDGET PLAN TERMS
Denholm's Famous
February Furniture SALE
High type furniture is priced the lowest in many years. Most of it newly purchased at large price concessions from manufacturers anxious to keep their workmen employed.
FOURTH FLOOR
Denholm & McKay Co.
WORCESTER MASS.

ULIANS
326 Main Street, Worcester, Mass.
Evening Gowns Reduced
In the very height of social activity comes this sale of new Evening Gowns

FASHION PARK
HICKEY-FREEMAN
SUITS and OVERCOATS
Reduced
Ware Pratt Co.
MAIN ST., CORNER PEARL
WORCESTER, MASS.

Foss Chocolates
Cynthia Sweets
H. O. FOSS & CO., INC., CAMBRIDGE, MASS.

For Special January Prices
CALL
STAdium 1350
Priscilla Cleansing Co.
Incorporated
265 CAMBRIDGE STREET
ALLSTON, MASS.
DEPENDABLE WORK

Moustakis
Candy, Ice Cream and Tea-Room Shops
Specialties of Presidential Fame
DUBLDIPT CHOCOLATES and pure sweet CREAM CARAMELS
One dollar the pound, plus postage
PORTLAND, ME.
SALEM, MASS.

Clearance Sale in Our Treasure House
72 FREE STREET
Outstanding because of the distinctive character of the merchandise and the fractional prices at which it is offered. Unusual furniture, lamps, pictures, mirrors, fabrics, china, glass—and bric-a-brac that is splendid for prizes and gifts.
PORTEOUS, MITCHELL & BRAUN CO.
PORTLAND, MAINE

Puritan Confectionery Co.
Known Store for High Grade Candy and Ices
LUNCHES at POPULAR PRICES
57 Hanover and 897 Elm St.
MANCHESTER, N. H.
19 North Main St., CONCORD, N. H.
570 Congress St., PORTLAND, ME.

The Bon Marché
Worcester of NEW JERSEY Only
LOWELL, MASS.
Much of interest this week in the Mid-Winter Sale of Furniture, and in the many other special events throughout the store—notably: Sale of Silks, Woolens and Wash Goods, and the sale of Personal Stationery.

FASHION BASEMENT
Hundreds of
New Dresses
$9.00
Every important new Fashion.
Cherry & Webb Co.
Lowell, Mass.

Pollards
A. O. POLLARD COMPANY
The Store for Thrifty People
LOWELL, MASS.
Continuing During the January Clearance Sale
20%
Reductions on Metal Beds and Luggage
PALMER STREET ANNEX

ALL KINDS OF
Insurance
A Telephone Call will bring our Service to your door
Phone {8611 / 8413
Chas. W. Gowen Agency
Offices at Ludlow and Indian Orchard, Mass.

Meekins, Packard & Wheat
SPRINGFIELD - MASSACHUSETTS
THOROFARE TABLE 1
SATURDAY! ONLY!
Women's Full Fashioned Silk HOSIERY
79c pr.
Usually $1.15 pr.
2 for $1.50
Isn't it simply exasperating to find a snag or run in your stockings—just as you plan to go out? Then you hunt around here and there for another pair—why not have six or eight pair on hand all the time—and you can easily do that when full fashion silk are only 79c pr. A special purchase enables us to sell these at so low a price. They have the lisle garter welt for long and hard wear and come in these shades:
Brownleaf—Plague—Duskee
Light Gunmetal—Nightingale
Sizes 8 to 10½
STREET FLOOR

$1.84 Buys
SILK PIQUE
SILK FAILLE
CANTON CREPE
SUEDE CREPE
SATIN CREPE
in the January Sale
SILK SHOP, MAIN FLOOR
Albert Steiger Company
A Store of Specialty Shops
SPRINGFIELD, MASS.

Men's $1.00
SILK AND WOOL FANCY HOSE
69c per Pair
Two pairs for $1.00
Well Known Make
Haynes & Co.
1502 Main Street, Springfield

THIRD NATIONAL BANK and TRUST COMPANY of Springfield
Complete Banking Service
Capital Funds Over $4,400,000
Total Resources Over $35,000,000
MAIN STREET at HARRISON AVE., SPRINGFIELD, MASS.

Firestone Tires
Fair prices, honest service
Batteries
H. M. Hartwell & Sons
Cor. Chestnut and Taylor Streets
SPRINGFIELD, MASS.
Phone 2-4072 Open Evenings

South!
for a Winter Vacation
Break away from the routine of everyday life and enjoy a genial winter interlude in the land of sunshine. Join the thousands who seek a sun-tan on palm-fringed beaches of the South. Go where you can play tennis and golf, ride the surf and swim.
This year, leading southern cities have prepared programs of social and sporting events surpassing previous seasons. There will be brilliant evening functions, tournaments and exhibitions in every form of outdoor recreation.
The questions, Where to Go? What to See? Where to Stay? may be solved by consulting the advertisements of hotels and resorts in The Christian Science Monitor. And the problem, How to Go? finds solution in the advertisements of railroads and steamship lines. Befre you start you can practically plan your entire trip with the aid of these helpful guides.
The Christian Science Monitor

CHURCH DISPUTE OF ALBANIANS NEARS SOLUTION

Establishment of Synods of Untrained Bishops Caused Difficulties

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

TIRANA, Albania—The Albanians are gradually solving one of their most serious problems, namely that of directing and developing the newly formed autocephalic Albanian Orthodox Church.

The difficulties facing this institution are not only of a delicate religious nature but of a complicated international character, since the Orthodox Church in Albania has been until very recently Greek.

So closely identified, indeed, with Greece is the eastern form of the Christian religion in general that most westerners call it the Greek Orthodox faith.

The dominant religion in Russia, Rumania, Bulgaria and Serbia is popularly known outside of those countries as Greek Orthodox. And this is not strange since it originated in Constantinople when that city was ruled by the Greeks or Byzantines, and the Patriarch there has for centuries been a Greek.

However, none of the nations in southern and eastern Europe, except the Greeks themselves, call their religion Greek Orthodox, but Eastern Orthodox or simply Orthodox.

Struggle for Free Churches

One of the stormiest epochs in the recent histories of these nations is that dominated by their struggle to free themselves from the Greek clergy and to establish their own self-governing national churches.

As a result of its breaking away from the Greek Patriarchate the Bulgarian church was declared schismatic and though 60 years have passed the anathema has not yet been lifted. That struggle was particularly bitter because the Bulgarians and Greeks were neighbors, because many Greeks lived in Bulgaria and because many Greek churches were seized by the Bulgarian authorities on the ground that they had been built with money contributed by Bulgarian worshippers.

A similar procedure is now being repeated in southern Albania, where Greek influence has been very strong. Most of the people there know Greek, are members of the "Greek" Orthodox Church, have been served by Greek priests and gone to Greek schools. Moreover, it was this church that enabled the southern Albanians to withstand Islam, so it has really rendered them a notable service.

It has also spread a good deal of enlightenment and helped to make of this area the most advanced part of Albania. As a result the Greek Patriarchate feels that it has strong claims here, especially in view of the fact that there are some real Greeks in this area.

Supplanted Greek Liturgy

Yet it is not surprising that the Albanians wanted their own independent church; that they took over most of the Greek schools and all of the churches, supplanted the Greek liturgy with Albanian and established their own directing organ, namely the Albanian Holy Synod.

This has caused difficulties. In the first place the Greek Patriarchate and the Greek Government are very much displeased and do not recognize the new institution.

In addition many of the Albanian Orthodox Christians themselves are dissatisfied. Not because they are opposed to an autocephalic Albanian church but because they have little confidence in the personnel of the new Holy Synod.

Undoubtedly a political element enters into this discontent. Bishop Fan Noli, who was educated at Harvard University and who as the former head of the Albanian Government tried to govern the country along democratic lines but was eventually deposed by the present king, Zog, has many friends in south Albania, so it is not strange that some of them look with disfavor upon a synod which they consider was established by King Zog.

Trained Clergy Needed

However, the placing of unprepared men, suddenly raised to the rank of bishops, at the head of the new church organization was unavoidable, since there were no others. Nor does a trained Albanian clergy exist. In time these deficiencies will be repaired.

In a long frank visit with a representative of The Christian Science Monitor, Metropolitan Visarion, the head of the Albanian Holy Synod, expressed himself as very hopeful. A seminary will be opened soon at Durazzo where priests will be prepared. Eventually, he believes, other Orthodox churches will recognize that of Albania, since in its formation all regulations and canons were strictly observed.

He repeatedly stated that what he most wants is harmony within and without. He has not dismissed from the service, he declares, a single Greek priest in Albania and he considers it his Christian duty to inspire them with loyalty to the Albanian church.

Serbian Bishop Pensioned

He pointed with much satisfaction to the new book of prayer in Albanian, to the Albanian Testament and to the periodical publications of the Holy Synod. He explained in detail his relations with Bishop Victor of Serbia, who was largely responsible for the establishment of the Albanian independent church, stating that although Victor was no longer allowed to serve in Albania, he had no cause for complaint since he has been given a substantial pension by the Albanians. In spite of this step the Serbian Holy Synod is much displeased.

Archbishop Visarion is a strong advocate of complete religious tolerance in Albania, believing that all proselytising should be strictly avoided and that every religion in Albania should recognise the present interrelation of forces established during the struggles of five centuries. There are more than 700,000 Moslems, less than 200,000 Orthodox and less than 100,000 Roman Catholics.

The Archbishop thinks that the Balkan Orthodox churches ought to be a decisive factor in the promoting of good will among the Balkan peoples and he thinks that the first step to that end must be a more friendly attitude on the part of the other churches toward that of Albania.

Einstein Requests End of Publicity

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

PASADENA, Calif.—Newspaper men will be prevented from seeing Prof. Albert Einstein, the German physicist who discovered the theory of relativity.

Since he arrived here on New Year's eve for a few weeks of quiet study at the California Institute of Technology and Mt. Wilson Observatory, he has been followed by reporters and others seeking information upon numberless questions. He has complained, explaining that he came here upon a serious mission, which may be disturbed because of too much public attention.

"It is Dr. Einstein's wish that he be given every possible security against intrusion," Arthur H. Fleming, executive of the institute, told reporters. "In keeping with such a wish, we will make no appointments for interviews. At regular intervals, however, information of interest to the press will be released to all papers simultaneously."

GEORGIA FARMERS AIM AT 'BEST YEAR' MARK

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

WAYCROSS, Ga. — "The Most Prosperous Year in the History of Ware County Farmers" was adopted as the 1931 slogan by the Agricultural Federation at its initial meeting. This slogan is part of a program worked out for southeast Georgia by John R. Fain, head of the Agronomy Department of the Georgia State College of Agriculture.

Farmers, business and professional men will make up the federation, which works in conjunction with the county agent, the State College of Agriculture and the United States Department of Agriculture. Increase in pure-bred hogs and high-grade beef cattle and the growing of more feed are significant features of the 1931 program.

NYE CAMPAIGN FUND INQUIRY TO GO ON

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Jan. 16—Lack of funds, which threatened to suspend the activities of the Senate special campaign fund investigating committee, was relieved today when the chamber voted an additional $50,000 and extended the term of effectiveness of the committee.

The new authority and added funds were approved without opposition. The decision came after a number of witnesses who had been summoned by James J. Davis (R.), Senator from Pennsylvania, whose election is under scrutiny, on the ground of excessive expenditures, had been refused a hearing because Gerald P. Nye (R.), Senator from North Dakota, chairman of the committee, declined to proceed without the resources to do so.

Carries Food and Supplies to Mines in Tropical Regions

ONE OF A FLEET OF AIRPLANES USED IN BRITISH GUINEA

Until Quite Recently Every Ounce of Food and Every Bit of Machinery Was Laboriously Carried on the Backs of Natives. The Journey Through the Almost Impenetrable Jungle Took These Boys Seven Days to Make a Single Trip. The Same Distance Is Now Covered by Airplane in About 45 Minutes. The Figure in the Above Photo Is That of Allen S. Cross, Chief Pilot of Guinea Airways, Ltd.

RULES OF HOUSE TO BE REVISED BY AGREEMENT

Republicans Yield to Insurgents' Opposition to 'Gag' Methods

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Jan. 16—Liberalization of the rules of the next House of Representatives by agreement, instead of through a contest, is now in prospect.

With the new chamber practically evenly divided, Republican leaders, it is authoritatively learned, are prepared to permit the existing "gag" rules to be loosened up without opposition.

The rules now in force, they point out, would be unavailing anyway in the next Congress, and so they are prepared to bow to the inevitable. There is also the consideration that by giving way voluntarily and graciously at this time, they will be able to hold in line dissident Republican members from the Northwest, whose votes are necessary if the Republican Party retains the speakership and organization of the chamber.

These northwestern members have been organizing a rules-revision movement for some time with the threat that unless Republican leaders make the concessions they demand they would bolt Nicholas Longworth (R.), Representative from Ohio, Speaker, and put up a candidate for the place themselves. Such a split would mean the election of John N. Garner (D.), Representative from Texas, the Democratic choice.

Added impetus was given to the revision proposal by the introduction, yesterday, by Charles R. Crisp (D.), Representative from Georgia, minority parliamentarian, of two major changes in the rules. One of these would allow discharge of a committee on a measure on a petition of 100 members and the other would enable three members of a committee to call up a bill for discussion and action by the committee against the wishes of the committee chairman.

Under existing rules a committee chairman virtually determines what shall be considered. But even more important, the proposed amendment would strike at the power now wielded by the committee on rules of the House, which, under present conditions, is the only avenue by which a measure can be brought quickly before the chamber.

The Republican caucus has been fixed for Feb. 26. Form letters, the first to be sent out in a number of years, have been mailed to all Republican members-elect urging them to be present.

Philadelphia Portias Near Academy Doors

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

PHILADELPHIA — Three youthful Portias, students of Temple University Law School, seek membership in the Law Academy here, a venerable organization of 110 years' standing which, up to this time, has never admitted women members.

The three young women, Miss Wilhelmina Diamond, Miss Ella I. Nayman and Miss Josephine Biondo, have received the enthusiastic support of the progressive group of the academy's members, and in spite of considerable opposition only four dissenting votes decided the question against the change in policy when it came up at a meeting a few weeks ago. Another vote is scheduled for Jan. 28. In the meantime the campaign in support of the admission of women to the academy is being pushed by a group of friends who expect their side to win by a comfortable margin.

LAND GIVEN TO CALIFORNA

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

LOS ANGELES—Edward L. Doheny, oil magnate, has given the State of California a 41½-acre tract of land near San Juan Capistrano with a 2600-foot ocean frontage, to be used for a park, it is reported here. The tract lies about 60 miles from Los Angeles and about two miles from San Juan Capistrano.

Increased Road Appropriations Urged in Parley

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

ST. LOUIS, Mo., Jan. 16—Resolving that state legislatures should not decrease highway appropriations to economize, but instead that highway construction programs be enlarged as a means of relieving unemployment, the American Roadbuilders' Association closed its twenty-eighth annual convention here Jan. 15. Officers of the association described the meeting as the most successful in its history. Attendance totaled 25,000.

A resolution deploring the practice of using gasoline tax money and automobile fees for purposes other than the construction and maintenance of roads was adopted. It held that all revenue from motor cars, including personal property taxes collected on them, should go only for such purposes.

That it will be possible to drive by automobile from Laredo, Tex., to Mexico City over a modern roadway in June was announced by Jose Rivera, secretary of the pan-American division of the association, at the division's session. The highway, he said, will be 735 miles long and is being built by the Mexican Government.

Now about 75 per cent completed, the hard surface will be finished in June with the exception of 70 miles which will be covered for the time-being with gravel. R. A. Croalles, chief engineer of roads and bridges in Havana, Cuba, presided. He told of the $126,000,000 Cuban central highway to be dedicated in February.

William R. Smith, contractor of Meriden, Conn., was chosen president of the association to succeed W. A. Van Duser, assistant chief engineer of the Pennsylvania Department of Highways. Presidents of subsidiary associations were elected as follows: County Highway Officials, Otto Hess, engineer-manager of the Kent County (Mich.) Roads Commission; and City Officials, George B. Sowers, commissioner of engineering and construction, Cleveland, O.

Addressing the convention banquet, C. E. Davis of New York City, president of the National Highways Association, proposed the issuance of $12,000,000,000 worth of bonds, to be equally shared by federal and state-county jurisdictions, to make possible a 600,000-mile highway construction program. This proposal, he declared, if adopted, would at once solve the problem of unemployment and at the same time provide "feeder" country roads for state and national systems.

Did You Eat Your 13 Pounds in 1929?

SPECIAL FROM MONITOR BUREAU

WASHINGTON, Jan. 15—In the ultra-prosperous year of 1929, every man, woman and child in the United States consumed nearly 13 pounds of chocolate drops, all-day suckers and candy in other shapes or forms, according to the Department of Commerce.

Total candy consumption for the country as a whole that year was estimated by the department today at 1,574,074,293 pounds. The per capita quota of 12.98 pounds was an increase of nearly a pound over the 12.06 pounds that was the 1928 average.

The confectionery industry, the department points out, has retail sales unofficially valued at more than $750,000,000 annually, and its operations touch in some way nearly every resident of the country.

7 DAYS' TRIP TO MINES CUT TO 45 MINUTES

(Continued from Page 1)

the machines "Big fellers balus (pigeon) belong white man."

Peculiar flying conditions prevail in New Guinea. Because of the heavy cloud banks which form daily on the mountains, airplanes can be used only between sunrise and 10 a. m. and from 5 p. m. until darkness falls. Despite this restriction, however, each plane manages to complete three trips, to the mines and back, each day.

Aerial Extension Expected

When the anticipated extension of the aerial service from Sydney to Brisbane, Townsville, and Cairns reaches New Guinea, Salamoa will be only about a three day's journey from Sydney.

The part of New Guinea—one of the largest islands in the world—in which the Eddie Creek and Bulolo gold mines are situated was formerly "German New Guinea," but was placed under Australian mandate after the World War.

The climate is hot and moist along the coast, with a steady drop as the higher altitudes are reached. It is suitable for the growth of all tropical products. The white population is between 2000 and 3000, while the natives number about 400,000.

For the two years 1927-29, nearly £500,000 worth of alluvial gold was produced. Great confidence in the future of the fields, which at present cover an area of some 15 square miles, was expressed recently by Brig.-Gen. E. A. Wisdom, Administrator of the Mandated Territory. But he said that it would be a year or two before the mines were sufficiently equipped to undertake gold production on a large scale.

Overhead Cable Projected

A road is now being constructed over the formidable country, and, according to present estimates, its length from mines to the coast will be about a hundred miles. A project is being considered for building, at a cost of some £200,000, an overhead cable transport system capable of handling 2000 tons of ore a day.

The living conditions of the natives of New Guinea, since they have been governed by white people, are stated to have improved greatly. Every effort has been made by the administrators not to exploit native labor. And the population has gradually become more sophisticated and consequently more independent.

Natives from all parts of the mandated territory are now being trained in Rabaul—the capital town—in agriculture, carpentry, and elementary engineering. And these pupils will later be employed as teachers.

An unusual experience befell the local government a short time ago. Some of the inhabitants of the Sepik area, having heard that other natives in the district had paid taxes, begged for permission to do the same. As it was ascertained that they were in a position to do so, permission was given.

The work of patrolling the territory is no longer the exciting adventure of finding new tribes and new rivers that it used to be. In the words of one of the patrollers: "The game is becoming just a monotonous business of census-taking and inspection. No longer is it necessary to wait outside a village, hiding in sago swamps or plains of sharp sword grass, while the guides go forward to announce our coming. Will they fight, run, or welcome us?"

Pegged Out Valuable Claims

The Placer Development Company and the Ellyon Company are chiefly concerned in the development of the gold fields. In the New Guinea gold rush three years ago James Gordon, a small draper of Wollhara, and five impecunious friends pegged out claims which have now earned them £300,000 in leases. Mr. Gordon had to sell his shop to finance the venture. But after enduring severe hardships for six weeks they came across rich gold.

Great strides in the use of aircraft are anticipated in the future in New Guinea, where the air has proved to be the only satisfactory medium of transport. Flying amphibians in particular, which can make use of the creeks and rivers, are likely to be adopted.

Watching the busy coming and going of the all-metal planes, as they glitter in the fierce tropical sunlight, the onlooker realizes that they have been instrumental in developing a corner of the earth which, without them, might have lain comparatively idle for many years to come.

Salary Cuts Urged in North Carolina

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

RALEIGH, N. C.—A cut of 10 per cent in the salaries and wages of all State officials and employees earning more than $50 a month was recommended to the General Assembly by Gov. O. Max Gardner, in his biennial message.

Further, he asked that the cut be carried down through the counties, cities and towns, with the understanding that the estimated $5,000,000 saving be used to guarantee lower taxes on real estate.

While North Carolina levies no real estate or personal property taxes for State purposes, the saving to the State because of recommended salary cuts would, under the Governor's plans, be allotted to the local schools.

Governor Gardner also recommended the enactment of legislation raising the gasoline tax in North Carolina from five to six cents and asked that all county roads be taken over and incorporated into the statewide system.

Bureau of Prisons Made Over in Six Months, Officials Say

Attorney-General Mitchell and Director Bates Relate Details of a Complete Transformation Before Appropriations Committee of the House

SPECIAL FROM THE CHRISTIAN SCIENCE MONITOR BUREAU

WASHINGTON, Jan. 16—In six months the Federal Bureau of Prisons has been made over.

One of the most extraordinary stories of reorganization within a federal division ever recorded was related by William D. Mitchell, Attorney-General, and Sanford Bates, Director of Prisons, former Massachusetts Prison Commissioner, to the House Appropriations Committee whose record is now printed.

"I doubt if there has ever been in the same time a federal bureau that has been so completely overhauled and reorganized," said Mr. Mitchell.

"Perhaps it is safe to say that it is the largest single order that was ever handed to a bureau at one time," said Mr. Bates later.

Began Last Summer

The story of reconstruction began in the mutterings of discontent and despair of crowded convicts last summer, driven to rebellion by heat, cramped quarters, idleness and shocking conditions. The story continued in the passage of a half dozen revolutionary bills by Congress in the closing days of the last session. It concluded with the simple statement of Mr. Mitchell and Mr. Bates that a complete revolution had been carried through in six months in the Federal Prison Bureau with part of the task still continuing.

Mr. Mitchell summarized some of the work as follows:

"We have established eight prison camps, a training school for guards, with plans perfected for improvement in the vocational and educational work in the prisons.

"We had a scientific analysis of the food problem made by the Department of Agriculture.

"We have revised our rules and regulations, reorganized our inspection force, made improvements in accounting procedure.

"We have got figures about our jail prisoners now that I could not have given you a year ago.

"We have reorganized this probation work and the parole board. We have developed improvements in handling the occupations of prisoners.

Detailed Description

Mr. Bates gave a more detailed description of the change in the federal prison system. This transformation does not apply to the state penitentiaries where convict revolts occurred and which are declared by some observers to be little improved from earlier conditions.

The bills recommended by Mr. Bates and passed by Congress six months ago established an independent parole board, Mr. Bates said; reorganized the prison bureau; conferred authority to revise jail rates for federal prisoners farmed out to states and communities; broadened the probation law; authorized two new penal institutions; authorized a treatment place for defective criminals; reorganized health work and sanitation; lastly and perhaps most important, diversified prison employment.

Mr. Bates explained that nearly all these changes had been put into effect. The first national training school for prison guards had also been established similar to those common in England and Europe but not hitherto adopted by the Federal Government. It is a step toward making penal work a profession, he said.

At Chillicothe, he continued, seven trade schools are being organized. Individualization of treatment for men has been introduced with the object of making prisons a place for salvaging human beings rather than of breeding more crime. A new type of trained men for warden's assistants requiring college education or its equivalent in social work experience has been instituted under the civil service, Mr. Bates said.

Thirty-eight probation officers described by Mr. Bates as "splendid men" have been named by federal district judges in addition to the eight previously in service. A full-time parole board has been named and rules and regulations have been revised in accordance with best modern practice.

A new building has been completed at Atlanta, a new brush factory at Leavenworth, final plans have been approved for the Chillicothe Reformatory, a site selected for the new northeastern reformatory, the system of farming out federal prisons to local jails has been reorganized so as to give states and localities a premium for instituting better conditions.

Mr. Bates explained that eight outdoor camps have been established where prisoners are given fresh air and plenty of work, relieving congestion in the crowded penitentiaries. These are a new institution in penology methods, he said, and a great success.

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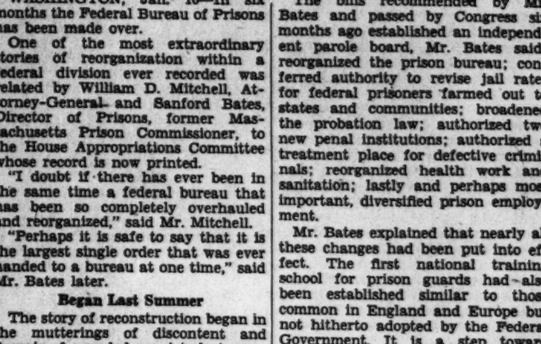
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Five Are Ready for Dinner

Roast chicken Oyster and chestnut dressing
Giblet sauce Boiled rice
Banana fritters Currant jelly
Creamed peas Pineapple tomato salad
Ice cream
Salted almonds

Roast Chicken

WASH, draw, singe and rinse a young chicken, though an older bird may be made just as tender if it is steamed for about half an hour immediately before it goes into the oven. Stuff it, sew up the incisions, rub 2 teaspoonfuls of salt into the skin and place the fowl, breast-down, on a pan lightly sprinkled with flour. Sprinkle a little flour over the chicken and place it in a hot oven. When the flour is nicely browned add water to little more than cover the bottom of the pan, reduce the heat slightly and begin basting the fowl every 15 minutes with three-fourths of a cupful of hot water in which one-fourth of a cupful of butter has been melted. Turn the chicken frequently so it will be browned uniformly when it is thoroughly done.

Oyster and Chestnut Dressing

Cut a gash in the flat sides of 1 pound of large chestnuts and boil until the nuts are tender. Drain, remove the skins and put the meats through the food press. Add ½ of a pint of oysters cut into halves, ½ of a cupful of bread crumbs, a scant ½ cupful of milk and season well with salt and pepper. Stuff the chicken several hours before it is to be roasted.

Giblet Sauce

Simmer together in 1½ cupfuls of water, the heart, gizzard and liver of the chicken; when tender, chop fine. When the chicken is done, drain off the fat in the pan in which it was roasted, measure 2 tablespoonfuls and return it to the pan, add the same amount of flour and when well blended and bubbly, add slowly, while stirring constantly, 1 cupful of the liquor in which the giblets were cooked. Stir and cook until the sauce is thick and smooth, then add the chopped giblets, season to taste and serve.

Boiled Rice

Bring to a boil 4 quarts of water and 1 teaspoonful of salt, then add 1 pound of rice that has been well washed, soaked and drained. Boil vigorously without interruption until the rice is thoroughly cooked but still retains its shape. Strain, pour hot water over it and strain again, then set the kettle on the hot oven, uncovered, to allow excess moisture to evaporate. Serve hot as a vegetable, with the giblet sauce.

Banana Fritters

Beat an egg well, sift in 1 cupful of flour and a pinch of salt, alternating with ½ of a cupful of milk. Add 1 tablespoonful of melted butter, beat until smooth and glassy and leave to stand an hour or two in a cool place. Just before time to fry the fritters, peel 12 bananas, cut them into halves and sprinkle with powdered sugar and lemon juice. Sift into the batter 2 teaspoonfuls of baking powder. Drop the banana pieces into the batter, a few at a time. Fry golden-brown in hot fat, draining on unglazed paper, and serve immediately with sifted powdered sugar sprinkled over them.

Pineapple Tomato Salad

On a crisp lettuce leaf lay a slice of canned pineapple, spread with mayonnaise, then lay over it a slice of tomato. Top with mayonnaise diluted with whipped cream, sprinkle lightly with paprika and garnish with a green cherry.

To Save Time

The dressing may be made and the chicken stuffed the day before it is to be roasted. The fritter batter may be made after the luncheon dishes are done, the rice washed and put to soak and the can of peas turned out into a pan to aerate.

Start roasting the chicken in plenty of time so it will be thoroughly done. Half an hour before dinner start the rice boiling, set the table and put the salad together. When the rice is done, drain it and leave on the hot oven until needed. When the chicken is done, turn off the oven, slip the fowl into another pan and return it to the oven to keep hot while the giblet sauce is being made. Fry the fritters last. Dish the rice and chicken, and dinner is ready.

Utilizing Leftovers

From food left over from this meal one can evolve the following delicious dinner:

Chinese chicken French fried potatoes
Beets in turnip cups
Celery and tomato salad
Rice pudding

Leftover rice may be made into an old-fashioned rice pudding for dessert the following day and any pineapple left from the salad will make an excellent addition to a gelatine dessert still later in the week.

Chinese Chicken

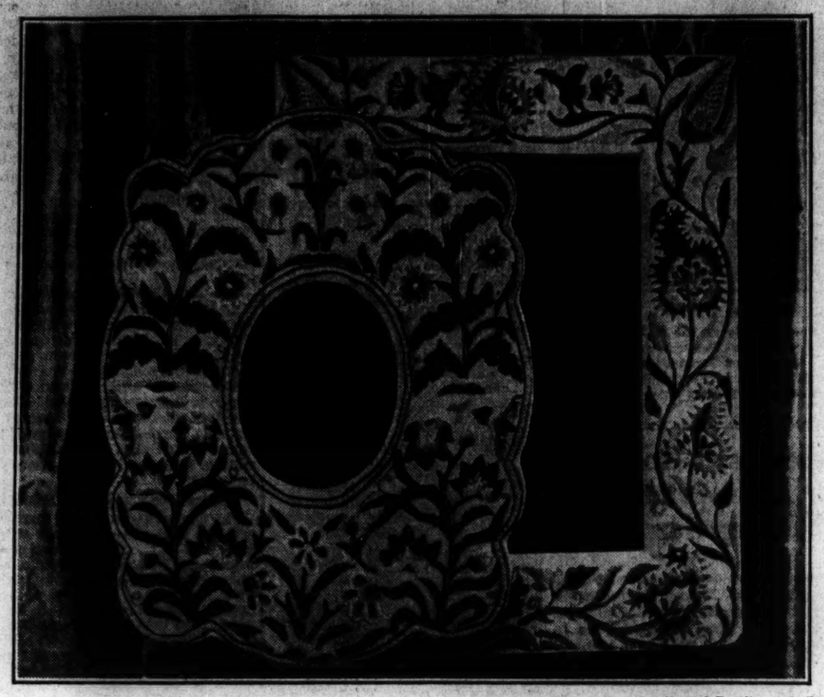
In a hot saucepan blend together 2 tablespoonfuls each of butter and flour and when bubbly, slowly add 1½ cupfuls of milk. Part of the milk may be that drained from the peas. When the sauce is thick and smooth, add the chicken, diced, the leftover peas, a few drops of onion juice and one-half of a can of small mushrooms cut into quarters. Bring just to a boil and serve immediately in croustades. These are cubes of bread measuring about two inches, hollowed out to form boxes, and then toasted. Garnish with chopped, salted almonds, a few cubes of pineapple and bits of currant jelly.

Celery and Tomato Salad

Place slices of tomato on beds of lettuce and on the tomatoes, celery and pineapple in equal amounts, both diced, and held together with mayonnaise. Top with a green cherry.

Rice Pudding

To 2 cupfuls of the cooked rice add one-half of a teaspoonful of nutmeg mixed with one-half of a cupful of sugar, one-fourth of a cupful of seeded raisins, 3 eggs and 1½ pints of scalded milk. Turn into a pudding dish, set in a pan of hot water and bake in a moderate oven until the custard is set and the top nicely browned.



Courtesy of B. Altman & Co.

These Embroidered Mirror Frames Are a New Note in Furnishings.

Embroidered Mirror Frames

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

New York

CREWEL-EMBROIDERED mirror frames are among the imported novelties of the season, some of them, both in color and design, being admirable examples of this particular type of handwork. The embroidery is done on a finely twilled ecru linen—somewhat resembling commonplace denim—which gives a background similar to the coarse, unbleached, hand-woven linen used for antique crewel work. Geometrical motifs, conventional flower and leaf themes, odd little bird figures and gracefully trailing arabesques are skillfully grouped in a single design. The colors chosen are characteristic of the old crewel embroidery, which was distinguished for its meticulous shadings and dignified outlines. The tones are mellow and rich, many shades of the same color being artistically blended to interpret a single flower or leaf. The darker values usually are worked into the decoration at the lower part of the frame, and, by using seven or eight nuances of the same color, an entirely different effect is given to the pattern as it appears at the top of the frame. This shading is especially noticeable when the frame is a long oval or oblong, both of which shapes are favorites for hanging over console tables in apartment foyers or in the limited space of dressing alcoves, where height but very little width is available. The colors used for this style of embroidery are those that harmonize with almost any scheme of furnishing, as the effect is always agreeably soft and somewhat faded, rather than flamboyant. So many delightful things are now being done with mirrors, which are regarded as important units of the furnishing ensemble, that these imported handworked frames find themselves in good company.

The Amateur Makes Them

Moreover, women are embroidering for themselves charming frames to beautify commonplace mirrors and are utilizing for this purpose fabrics of considerable variety. A chintz-framed mirror above one's dressing table represents merely the work of covering with the chintz an additional frame and changing the outline which meets the glass, according to whatever new shape is desired. The strong though light-weight material used for cartons is excellent for the foundation of these frames, over which should be put a layer of padding to give a soft effect to the outside covering. These cartons come in large sizes and one's grocer or housefurnisher will usually give them away for the asking.

The outline of the mirror frame is first marked with pencil, then cut with a sharp knife, after which it is ready to be covered. An amateur in this work has found that the use of wide strips of adhesive tape is one of the best and easiest methods of holding an unframed mirror firmly to its new surroundings. Strong upholsterer's glue on strips of cloth are also similarly employed, care being taken to have plenty of them and to cross them in both directions and over the corners.

Arranging the Pattern

The design for an embroidered frame must be carefully arranged to give a symmetrical, well-balanced effect, with proper spacing between the work both at the outer and inner edges. A handsome imported frame frequently shows a distinct border outlining both edges, as, for instance, two rows of outlining a half-inch apart, with dots of a contrasting color at close intervals in the space between. The design is then filled in to cover the remaining part of the frame.

The mirrors used for this work, not being bevel-edged, accommodate themselves conveniently to any shape desired, as, for instance, to an octagonal or a semicircular opening in which the mirror is inserted. A large half-oval is especially effective over a desk, the straight lower edge of the frame matching the desk in width and the embroidery harmonizing with the wood of the desk and its colorful accessories. As mirrors give an agreeable sense of increased spaciousness and can be used delightfully to brighten shadowy corners, interior decorators see in these novel mirror frames a happy combination of the ornamental and practical.

Hungarian Hand Work for the Home

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

London

THE Hungarian Studio, at Budapest, Hungary, furnished with cushions and other embroideries, as well as characteristic hand-painted furniture and handmade copies of antique pottery, was designed and carried out by some organizers and workers, whose headquarters are in that city, in a little shop called affectionately after Mrs. Brentano, the wife of the former American Ambassador. Mrs. Brentano did much to help start the enterprise, which she always spoke of as "our shop," and which is now providing occupation for 300 workers, from the peasant to the highly educated woman.

Mme. Iolanta de Iaszay, who started her organizing experience by helping her mother to manage their big estates, contributes her share to the organization of the work, in which she is helped by Mrs. Annie A. Rucsinszky, one of the best designers in the country and head of the art department of the Women's Industrial School, and Miss Melanie Duha, professor at the Women's Industrial School.

The charm of the embroideries lies in the fact that their designs have actually been used for centuries in the national dress of this people, and at the shops are applied to articles for the modern home, where they supply the individual color note that is so much sought after.

Ancient Derivations

A lovely table-set, for instance, of white organdie, had a close floral border in glowing nature tints of blue and rose, pink and yellow, done in satin stitch, the edge finished with a charming fancy buttonhole stitch in rose. The design was taken, Madame de Iaszay explained, from the embroidered bands which young girls wear around their heads over their braids.

"Here is a design exactly the same as that found on the shirts and aprons of both men and women peasants," Madame de Iaszay explained. "The men are more gorgeously dressed than the women, as a rule. Here is a bridegroom apron made by the bride." Inside the big flowers, in the band of many-colored embroidery crossing the apron, were smaller flowers, and below this another band of solid stitchery in gold-colored silk and a black silk fringe over a many-colored gay cotton.

All the Hungarian designs are inspired by nature, and are never geometrical like those used in the surrounding countries. The tulip, the national flower, is especially favored. A heart shape is also often introduced.

Shawls Are Unique

Hungarian embroidered shawls are totally different from any others. Imagine the almost regal splendor of an oblong shawl, like a very wide scarf, in geranium-red, heavily embroidered in dull gold silk design carried around the edge and up the middle of the back.

An interesting Hungarian specialty is a unique appliqué done for the foreign market on muslin or georgette. This background is used instead of net in order to avoid the duty which is charged for laces. This appliqué is applied in white on organdie or voile for table sets. In apricot crepe-de-chine, on white georgette, or on white crepe-de-chine, it is charming in the usual intricate waved design. It is delightful also on black, and in both these cases it is often used on one of the fashionable little fichus.

The peasant women go out in parties of 50 into the fields and work from an hour before sunrise to an hour after sunset; but in the middle of the day, when they have two hours off, the men sleep and the women take their embroidery, and work happily away.

Rugs Made With New Shuttle Needle

WRITTEN FOR THE CHRISTIAN SCIENCE MONITOR

A NEW needle invented by a woman in Topeka, Kan., bids fair to revolutionize the hand-made rug industry. Like many worthwhile things the idea is a simple one and the device is simple, too, enabling one to make hooked and crocheted rugs, table runners, cushion tops, and numerous other articles with much more ease and pleasure than heretofore. The little instrument has proved so popular that hundreds of women, chiefly in Kansas, have obtained them from their inventor since last March, and put them into practice.

This is the way the idea of the new needle, or "shuttle hook," originated. One day Miss Rose Mathews was watching her sister crochet a rag rug, and, because it seemed to require so much effort to pull the rags through the loops, she said, "I believe I could invent something that would make it easier to pull the material through those loops."

"Only lazy people invent things," her sister replied, tugging away at the rug.

Made and Patented

Soon the work was laid aside because of more pressing duties in the kitchen. Miss Rose picked up the half-finished rug and started to work on it herself. Then for a long time she sat with the work idle in her lap, but with her thoughts very active. Perhaps she sayed awake all night working over the problem; at any rate, in the morning she went up the street in search of a machinist who could make a model for her.

When it was ready it resembled a crochet needle nine inches long with a hook at one end and a hole at the other. It was rather flat and uneven, because of being handmade, but when Miss Mathews and her sister tried to work with it, they found it was very efficient.

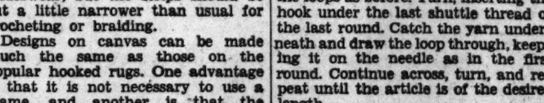
After a little experimentation, Miss Mathews made several small samples of work, showing different stitches that could be made with the new needle. She took these with the instrument to a patent lawyer, who made the necessary negotiations to secure a patent. It was not long before Miss Mathews had introduced it into some of the Topeka dry goods stores, giving personal demonstrations to prove its efficiency. In one store alone, 225 needles were sold in two weeks. Since that time she has sold in all about 9000 needles at 50 cents apiece. She has visited the largest Kansas towns giving demonstrations in the leading dry goods stores.

Orders have come from Egypt, Alaska, and Canada, besides practically every state in this country. Hardly a day passes that Miss Mathews does not have callers who stop to show her what they have accomplished with her needle. If they live too far away they write to her.

It has been found more convenient to shorten the needle to six inches instead of making it nine inches long, as was the first model. It is made of aluminum, by a manufacturer in Chicago. Two threads are used in working with it, one usually about two yards long, attached to the aperture in the needle; and the other to be hooked through as in crocheting.

To thread the needle, the end of the rag is trimmed to a point and inserted through the hole in the end of the needle, then pulled out through one of the slots at the side in order that a knot can be tied in the end after which it is again pulled back into the slot. To save rethreading, about three inches of rag should be left in the needle and the next piece sewed to it.

This needle can also be used as a bobbin for lacing ribbons, etc., and turning belts. It can be used with raffia or reed in making baskets, and as a sack needle in sewing up grain



With This New Shuttle Hook, One Can Make Hooked Rugs, Cushion Tops and Many Other Articles With Great Facility.

sacks. It can be threaded with yarns, strips of cotton or silk material, and rags of any kind. It is specially adapted to the use of old hosiery and underwear, but the strips should be cut a little narrower than usual for crocheting or braiding.

Designs on canvas can be made much the same as those on the popular hooked rugs. One advantage is that it is not necessary to use a frame, and another is that the stitches are locked by the shuttle thread and do not pull out. In working on burlap or canvas for rugs or footstool tops, the yarn is kept underneath and the needle with the separate thread above. The yarn is brought up with the hook through the burlap, leaving loops on the needle, which is then drawn through the loops. This locks the work and prevents ripping.

New Weaves and Stitches

Stout hooked rugs are made using strips of material, hosiery, etc., hooking through the burlap as when using yarn. If the burlap has a special design which one wishes to follow, the dye pot comes into use in obtaining the colors needed. The material must be dyed before the strips are cut. Sometimes yarn is used to make floral designs and strips of hose or other fabrics for the background. In making hooked rugs, the edges of the burlap should be bound before the hooking is commenced.

Miss Mathews uses for some kinds of hooking a certain kind of gunny-sack in which Idaho onions come. It is distinguished by a particularly open mesh. She has a porch pillow cover made out of a nut sack, which was not even ripped apart. Designs were hooked through both sides of the sack.

It has been a surprise to Miss Mathews to find that the shuttle hook will do not only all that she had hoped it would do, but an endless number of things besides. She has invented new stitches and weaves and easier ways of making rugs of many kinds. She has discovered about 30 different stitches and weaves, the latest one of which she calls the "basket weave."

The simplest stitch is done as follows and is suitable for baby carriage robes, scarfs, lounge throws, pillows and straight rugs:

Special Designs

Using the needle as a crochet hook, crochet a chain from the yarn, a little longer than the article is to be in width. Leave the last loop in the needle. Insert the hook in the next to the last stitch of the chain and catch the yarn. Draw the loop through, keeping it on the needle. Repeat, drawing the loops through each succeeding stitch of the chain until six or eight loops are on the needle. Draw the needle through the loops, leaving them on the shuttle thread. Continue across, drawing the shuttle thread through the loops as before. Turn, inserting the hook under the last shuttle thread of the last round. Catch the yarn underneath and draw the loop through, keeping it on the needle as in the first round. Continue across, turn, and repeat until the article is of the desired length.

A round rug is made by crocheting a chain of 10 or 12 stitches. Fasten the ends to form a circle. Work around and around this small circle. In the first two rounds double the number of stitches by throwing the yarn over the needle between each stitch. After the first two rounds, throw in stitches only as the work seems to be too tight. The needle is drawn through the loops with the left hand, steadying the loops by holding the last stitch with the right hand to prevent drawing. The thread drawn through the loops makes a lock stitch.

The articles are very easy to clean. They may be scrubbed with a brush or put through the electric washer, and because of their pliability may also be put through the wringer. They are very durable.

Hot dish mats can be made with the simple stitch, using a cable cord, purchasable for a few cents a yard at the notion counters of department stores. Either round or oval mats may be designed, using the same stitches employed in making the round and oval rugs. White cable cord may be dyed to give variety. This sort of crocheting is interesting work for children, because the cable cord is easy to work with, and the task of completing the article does not involve too much patience.

A particularly lovely afghan was made by using 16 balls of gray yarn, and for a border one of purple yarn. The work took 34 hours in all, averaging about two hours for each ball of yarn. From this it is evident that the craft is not tedious and is made much easier by the shuttle hook.

Home Making

By MRS. HARRY A. BURNHAM

A REPORT of the results of a recently conducted national home canning contest just received, contains much more than a story of achievement in home food preservation. The jars of products entered in the contest were sent to Shenandoah, Iowa, where the judges inspected them. There were more than 25,000 jars in all and the judges assert that each one was a work of art, which spoke of careful attention to detail and delight in achieving success in matters of simple everyday tasks.

There were all sorts of fancy packs. Meats, including cans of salmon that were sent from the Pacific coast and chicken from the South. Many attractive packs of vegetables were sent from New England, but the interesting fact is that the champion jar of the entire contest was a simple glass of red raspberries canned by Mrs. Alice Bell of Eaton Rapids, Michigan.

It happens that red raspberries are a bit difficult to can if one wishes to have a finished product which will show the berries in a whole and colorful condition, as they are so tender that they quickly lose their identity in the cooking process. Doubtless the judges took this into consideration in awarding to Mrs. Bell the grand prize. The significant part of that can of raspberries is not, however, in the perfection of the finished product, but in the rest of the report as given in the New England Homestead by Grace Viall Gray, the secretary of the contest committee.

Miss Gray says that the display as a whole meant much more than just canned goods. It meant the realization of accomplishment by thousands of women in the United States. Not all could win prizes but all had found some joy and satisfaction in producing a beautiful jar of canned goods.

* * *

Mrs. Bell, upon being told that she was the national champion, said that she had not expected such an honor, but that she knew that she had done a good piece of work and was proud of it. The rest of the story about Mrs. Bell should serve as an inspiration to every modern home maker. She is not only an efficient manager of her home but a trained musician who is supervising the musical education of her three children. The family comprise what is known as the "Bell Orchestra," and every morning at 8 o'clock they all adjourn to the living room where they practice for half an hour before time to go to school.

In a home where there are three children; where days are busy, with every hour filled, there is time to devote to music as well as to give such attention to the details of every day tasks that a perfect product results from berries probably gathered on the home plot. A perfect jar of red raspberries, or a sympathetic rendition of the "Moonlight Sonata," may alike give the thrill which comes from doing the task before us to the very best of our ability.

The intimate relationship between kitchen and living room is seen in the story of the Bell family, and of many other families in happy homes all over the world.

Decorated Pieces Protect Chairs and Divans

WRITTEN FOR THE CHRISTIAN SCIENCE MONITOR

A DECORATED strip of cloth for covering the upper part of the back of a chair or divan is occasionally desirable for the protection of handsome upholstery from soil and wear. Linen and similar wash materials, embroidered or otherwise decorated, are charming and dainty for this use in summer, but in winter they seem less pleasing.

To meet this need, and also to provide further decoration, some very lovely pieces of this kind have just been made for use particularly during the winter months.

For a Divan

A set consisting of three separate pieces was made to cover the upper part of the three sections of a divan. The material chosen was monk's cloth, pliable but firm, and a light soft tan in color, harmonizing splendidly with the color of the upholstery material. The piece for each back section was cut the full width of this division from side to side, and just half its height, up and down. Then the top edge of the cloth was cut slightly rounding to follow the curving line of the top of the section. In this case it meant cutting off three inches from the top of the cloth at each end. The lower edge was then cut the same as the upper one. The two side edges were left straight up and down. This shape is unusual, decorative, and has not the plebeian look of an ordinary tidy, but seems rather to belong to the piece of furniture on which it is used.

Each piece bore in its center a floral decoration large enough to cover the greater part of the piece. The flowers and leaves of the design were filled in solidly with yarn, a punch needle being used in the same way as in punch-work on rugs, except that the yarn was cut shorter than it would be on a rug. The half-dozen colors of yarn were rich and glowing, for contrast with the duller tones of the upholstery.

In copying this set of pieces, one might fill in the flowers and leaves of the design with any other kind of stitch that would work up solidly. Even a closely-made chain stitch would do.

Finishing the Edges

The edges of each piece were covered with a fancy flat braid, in which appeared light tan and some of the other colors used in the design.

A head-piece made for a chair was cut to follow the slightly rounding upper curve of the back, and the lower edge of the cloth was then shaped to match. Had the top been straight, the lower edge would have been cut in a slight downward curve, anyway, for the sake of a more graceful line. In the upholstery were a number of bright, rich colors, including gold and golden-brown. The material chosen to be used over this was golden-brown net of a heavy quality, the edges being bound with a narrow bias band of very fine net of the same color.

A large floral design was used on this also. It was outlined with heavy gold-colored embroidery silk. The brown was used also to separate inside flower petals and to indicate veins on leaves. The design had been drawn with ink on white paper, the net basted over it, and the outlines worked. The paper was not needed for the filling in. Instead of an embroidered design one may use appliqued flowers of felt. They are wonderfully attractive on a heavy net background.

Ribbon Flowers

For a guest-room chair, in the upholstery of which was much dull blue, a headpiece of the same general shape and made of golden-brown net, was decorated with a large spray of the well-known and always exquisite French ribbon flowers and leaves. The colors used were rose, blue and gold color for the flowers and brown and green for the leaves.

When making these serviceable and decoratived pieces for chairs and divans, it is well to remember that if the upholstery material has many bright colors and a strong pattern, the piece will look better if of only one or two colors. But if the upholstery material is a plain color, or at least its general effect is such, then the piece will be much more decorative if five or six carefully chosen colors are used.

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(6 Servings)
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Beat yolks of eggs slightly, add salt, paprika, and chicken stock slowly. Cook over hot water, stirring constantly, until mixture thickens; then add gelatine which has soaked in cold water about five minutes. When gelatine has dissolved, cool and add chicken (using white meat), and blanched almonds, each finely chopped or ground. Season highly with salt and paprika. When mixture begins to thicken, fold in cream, beaten until stiff. Turn into wet mold and chill. When firm, unmold on platter and garnish top with round and flower shapes of cream or tomato jelly, and sprig of parsley; garnish around base with cubes of jelly, or slices of tomatoes.

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THE HOME FORUM

That Fair Corner of Earth, Wild Wales

FEW people remember that leaving the smiling farm lands, the moated towers and ruined castles of the Marches behind, one can, by crossing one of the fair bridges that span Dee, Wye or Severn, walk right out of England and come into what is virtually a foreign land; travelling, perhaps by the great high road awhile, then, by steep and winding lanes bounded by high hedges, (which possibly end as open sheep tracks traversing moorland and high mountain range), and, arriving at last, if well directed, in the very heart of that wonderful country, Wales. A land that was old in law, speech and custom before ever Roman triremes touched shore at Pevensey or fair-haired Saxons leapt from their high-beaked ships on to the Norfolk sands.

Few travelers of course undertake such exploratory journeys yet no summer adventure could be more magical than to turn westward out of Herefordshire and crossing Breconshire come to the Black Mountains, remote Llanthony and the valleys named after the eagle and nightingale; or, starting from Shropshire, north westward, by the road to Llanrhyader-yn-Mochnant, climb the Tannant valley and reach the old central mountain cantrefs, home of princes whose last fastnesses were around and about Bala's lake.

"There is an exquisite provision of Nature," says an old author, "in the tendency of the human mind to prefer by-gone times to the present, because it leads us to respect the past . . . and retain of it only what is beautiful and good." This tendency is much felt in Wales where the very atmosphere is heroic and where "the children of Arthur, partakers of the dark mysterious night" of legend cannot help looking backwards. Excelling in song and verse making, music is their first delight and a holiday without a singing competition and poetry contests, or a display of eloquent and poetic preaching, (it may be on a green hillside), would be a dull holiday indeed. Saxons come and go in summertime: they even settle in border towns introducing alien ways and cruder, more material methods of seeking pleasure, but such never know Wales. Not for them the hidden poetry of wonderful place names—Dinas Oleu (fortress of light), Nantile (valley of the cry) Pant-y-celyn (glen of the holly trees)—nor the shy "dioich" (thank-you) of the passing child.

Travelling without knowing at least a little of the language of a country is always unsatisfactory in the long run; in Wales, it is unsatisfactory in the very shortest walk. It is for this reason that so very little profit has accrued to the world as a result of the visits, even the long perambulations, of English poets. A statement abundantly proved by remembering how Wordsworth came to Aberglasyn and went away not much richer than he came, save that he saw Snowdonia's mists: how Shelley haunted Tremadoc, and Tennyson, Barmouth, intent upon rewriting her ancient tales; and yet how little any of them carried away, save memories of the sea, of blurred woodlands in long lines of rain, of the gleam of water in an estuary or the crumbling grace of an ancient keep above the yellow sands. All this the outer aspect only—"the air things wear that build this world of Wales"; visible to all who have eyes.

Because of the pains they took to learn all correctly, to unearth old books and even learn a difficult speech, George Borrow and Thomas Love Peacock were the ideal English travellers in Wales. For, coming into Meirion, strangers, and on foot, they seem to have been guided to every kind of loveliness. Lodging in a cultured household where he learned to appreciate the best qualities of his hosts, Peacock came to delight in ancient Welsh history, loved at first sight and, later, wedded a sweet maid who played and sang to him upon the harp, and used all his experience so wisely and poetically that today his name is chiefly remembered because of that summer journey into Wales.

George Borrow, equally painstaking, the outsider's guide to Wales, par excellence, carries us in both Lavengro and Wild Wales to the heart of the Cymric consciousness, being especially successful in hinting at the beauty and greatness of Welsh verse. Few passages in his work are more delightful than his eulogy of Dafydd Ap Gwilym, his picture of a Methodist preacher in his woodland pulpit; or his account of brave Goronwy Owain whose home he sought out in one of Anglesey's deserted villages.

To see Wild Wales today, the same habits of thought are required. One must either climb to some high peak carrying a magic telescope or take a Welshman along who possesses such a faëry boon. Better still it would be to question the moon who, just as she did in Hans Andersen's land, likes to peer down upon beautiful, wild or even tragic scenes. Denmark or Wales, it makes no difference to her!

Going backward a little in time makes this easier, for the age which has passed, or is passing, has the greatest charm. In Wales it has been a great age, full of stories illustrating the intuition, passion, yearning after perfection, imagination of what the best might be, and that ardent pursuit of it that characterises the highest side of Welsh character. It is difficult to present this feeling, but it appears very beautifully in the famous penhillion (verse for the harp) by William Williams, the hymn writer:

"Gold must end and silver must end,
Velvet must end and silk must end,
End must all sumptuous raiment;
But longing never ends."

By the light of sun or moon, I care not which, I should like to show you pictures illustrating the effect of such ardours. First, a glimpse of old-world sweet Ann Griffiths, a peasant maid and hymn writer dearly loved in Wales. She is coming home at late evening from the fair where she thought to buy gingerbread, but became possessed instead of the pearl of pearls she had never thought of seeking, and, walking by the light of the stars, knows herself a poetess.

Moving forward to the nineteenth century, there is dear little John Rhys, philologist to be, who, at seven years old, sits with a tattered book under the hedgerow trying to discover meanings of old Welsh words: here his father finds him (the cows meanwhile having got into the corn) but excuses the young student's dereliction from duty because he realizes his child's heart is set upon intellectual things.

A companion sketch would introduce you to Sir Henry Jones, philosopher, when as a youthful cobbler he sits reading by candle-light all night in his attic room so irresistibly drawn towards the pursuit of the ideal that he determines to "follow the gleam," let it lead him where it will.

Half imaginary and wholly modern shall my last picture be. It is evening and the moon shines beautifully down upon the western sea. It shines, too, upon the old farmhouse at Gornant, which is low and small. We will look in at a window. Firelight is low, for peat is burnt at the farm, but the ingle nook is warm and Gwen sits near it with her knitting: supper—buttermilk with oaten cake—is over: faithful dog Perro lies dreaming on the hearth, now and then catching his breath as he rehearses some particularly exciting contest in herding wild ewes out upon distant hills. The light of the one lamp falls palely on pale portraits of old poet-preachers on the walls, while at the well-scrubbed table sits young Iorwerth writing. All day, with a cloud of sea gulls following, he has ploughed upon the hillside, his eyes on the distant peaks, his heart full of poetry and now he is beginning to compose, either a sermon or an ode for the Eisteddfod in the neighboring townlet. Iorwerth is very dark and pensive, a little passionate, yet tender; he comes of that old Ibernian race that inhabited this land of dreams before even the Celts arrived in it. He and his brothers and sisters—mountain dwellers all—stand out even today distinct from their neighbors. Often they are shepherds, at which craft they excel, whether it be the herding of woolly flocks or those more difficult sheep and lambs—the wayward children of men. May angels speak with him tonight!

And now my reader may say "Such scenes are idyllic indeed; but is there not another Wales:—polyglot, scarred, ravaged by black vallies, full of sorrowfulness, toil-bewildered and modern in its crude and restless ways."? There is such. But it is a bordure only, a shadowy edging to the true land; some blessed day, by means of more light and hope and education, to be wholly retrieved and restored to beauty, grace and goodness. Many shepherds such as Iorwerth will be needed for that herding and folding; but no doubt they will arise, and a hundred years hence Welsh people will still be able to sing with Ceiriog:

"Stand the mighty mountains still
Round them still the tempests roar:
Sing with dawn from hill to hill
Sheperds, as they sang of yore."

G. T.

THE CHRISTIAN SCIENCE MONITOR

Founded 1908 by MARY BAKER EDDY

An International Daily Newspaper

Published daily, except Sundays and holidays, by The Christian Science Publishing Society, 107 Falmouth Street, Boston, Mass.

Communications regarding the conduct of this newspaper, articles and illustrations for publication should be addressed to

The Christian Science Monitor
Editorial Board

If the return of manuscripts is desired, they must be accompanied by a stamped and addressed envelope, but the Monitor Editorial Board does not hold itself responsible for such communications.

Subscription price, payable in advance, postpaid to all countries:
One year . . . $9.00 Three months $2.25
Six months . . . $4.50 One month . . . 75c
Single copies, 5 cents

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Cost of remailing copies of the Monitor is as follows: Domestic and Foreign
14 pages . . . 2 cents
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Published by
THE CHRISTIAN SCIENCE PUBLISHING SOCIETY
Boston, Mass., U. S. A.

Publishers of
The Christian Science Journal
Christian Science Sentinel
Le Héraut de Christian Science
Den Sendte med Christian Science
The Herald of Christian Science (Scandinavian Edition)
Christian Science Quarterly

Singing Birds and Butterflies. From a Drypoint by Madame Harriet Brossin

Song of the Southern Rails

Damp fog hangs over the rolling terrain of a landscape that is colored rightly for the December holidays. Brown, of orange and dark straw tints, rolls away to eastward and westward, equaled in quantity by the greens of still colorful grass and the wide vista of evergreens. Northward stretch two steel ribands that meet and vanish in the far-away haze, yet near by are equidistant steel rails on gravel-covered ties.

The sun turns the red clay through which the train is passing into raw red-gold ore, the Golconda of a fabulous past. Maples, oaks and pecan trees are subdued and quiet with only a few feeble rustlings from their sere brown leaves and empty nut hills. But the evergreens with their rich distinctive clusters of long-needled foliage, and their fruit of cones, are a fresh and lively note in the midst of a southern winter.

Through this morning landscape rolls a speeding train, sending over the southern rails a melody that is the motif of journeyings. Two single beats of the train wheels on the steel rails, and a slight pause. A short, sharp click that is a slight dissonance in tone, and then two quicker clacks that end one phase of the melody of the rails. Truly, this melody is a pleasant monotony; a "clack, clack—clack-clack, clack," with the sharp edges of the sound wearing off in their auditory passage. As the train moves faster and the green and red landscape grows into hills and vales with their distances gradually revealed by the lifting fog and rising sun, and their tall pines a vast area of undiscovered green, the melody changes, a counterpoint to the first and slower movement in andante. This new melody moves faster against a visual background of bare and unpainted Negro cabins on stilts, with occasional smiling and white-toothed tenants on rickety front stoops, beyond which are dry patches of forgotten cotton-bolls—straggly patches of gray-white cotton still hanging to their burrs. Clay roads, rutted, and carrying mule-drawn wagons of cotton going to the gin, wind over the hills and lead past banks by silvery water. Four sharp beats and a brief pause in the revolutions of the train wheels; a "clack, clack, clack, clack, clackety, clack, clack, clack," and the listener finds himself an interpreting musician determined somehow to find if that singular melody repeats itself, or will in some unaccountable manner betray itself by changing or missing its rapid tempo as the train proceeds.

Kenesaw Mountain, with an aureole of gray fog, looms up on the left. Beyond, on the right, rolling hills and deepening valleys with rising smoke plumes from almost unseen cabins augment the trailing smoke that winds like the tawny waters of the Chattahoochee, and melts in the wake of the train. Neither the landscape in its entirety nor the landscape in its individual spots of color and interest detract from the singular intentness with which the song of the southern rails beats its steady monotone into the consciousness. Viewing the sun-streaked landscape of green and brown with interlarded browns and oranges, one cannot forget the speeding wheels beneath him that accentuate each beat or revolution of the wheel with that slow melody of "clack, clack—clack-a-clack, clack," and its contrapuntal yet speedier allegro harmony that is an ever-present yet tuneful song as the train carries one from a wintry north over shining steel ribbons to a summery south.

MME. HARRIET BROSSIN is a Swiss artist who has studied in Paris and Rome, and some of her work is to be found in the museums of France and Switzerland.

"As music is founded on the study of harmony, so graphic art cannot exist without and is indivisible from rhythm," says Mme. Brossin, who has made an exhaustive study of rhythmic composition throughout Assyrian, Egyptian, Chinese, Hindu and modern Western art. In her lectures, she seeks to show that every value, every line in all the best works of art throughout the centuries is a note or a musical phrase, a necessary part of the rhythmic song, the foundation of every drawing, painting and sculpture.

In this picture, it is not the bird alone which sings, but every trace which the needle has left on the copper. The delicacy of the workmanship is remarkable, as well as the assurance in the handling of the point. Not one line, not one spot of darkness or of light can be changed or suppressed without altering the completeness of the composition.

An old Chinese painter said, "A poem is a painting without form, and a painting is a poem which has taken form." Mme. Brossin seeks to realize this poetic ideal.

The Hill Beyond

In a certain English town, so old that nobody can exactly date its beginning, the main street climbs up and drops over abruptly, so that till near the top it appears broken off. Irregular shops and buildings form a heterogeneous collection of architectural samples supplied from every period and style. Some of them are tall-gabled and overhanging, with high-pitched stone roofs and diamond-paned casement windows, others beetle-browed and low, while here and there a tiny narrow house has been squeezed in between its important neighbors, as if ages ago it had played at "filling the gap" and never got another "turn." Over all the street is the soft, mellow blending of gray and brown, or warm, subdued brick-red, that gives it the homely, cozy air so delightfully belonging to an out-of-date country town. No house stares its neighbor out of countenance, all seem to hobnob with one another as such very old acquaintances should, and the detached, touch-me-not quality, a little oppressive in modern towns or in London, is entirely absent. This indefinable friendliness and open-hearted welcome quite preclude any thought of loneliness for single, visiting wayfarers, and makes exploration of the quaint, unexpected alleys and by-streets an enthralling pastime.

But the greatest charm of the old place lies just beyond and outside, growing into view as one nears the top of the street. Suddenly the houses are silhouetted no longer against the sky, but a mighty stretch of hill, softly sloping up on the other side of a broad, deep dip. In these times, when the narrow, old street is a hundred times fuller than it was meant to be and a thousand times more noisy and hurrying, and the very limited pavement presents quite a problem to pedestrians, that quiet, dignified hillside speaks of calm and beauty "unchanged with changing years." It has faced undisturbed the checkered, restless history of many centuries, ceaseless differing of human conditions and the gradual evolution of modern marvels. Its youth and fresh greenness are perennial and unaging, for its years are unreckoned and undreamed of. It is a silent call to turn from the fret of human littleness toward "the utmost bound of the everlasting hills."

Gottvertrauen

Uebersetzung des auf dieser Seite in englischer Sprache erscheinenden christlich-wissenschaftlichen Aufsatzes.

IN DEN Sprüchen lesen wir: „Der Herr ist deine Zuversicht" (engl. Bibel). Was für eine Freude bereitet daher die Erkenntnis, wenn die Geschäfte anscheinend eine Zeit des Tiefstandes und der Unsicherheit durchmachen, und die Sterblichen angesichts der menschlichen Ungewißheit das Gefühl haben, daß sie nicht aus noch ein wissen, daß da Einer ist, an den sie sich in ihrer Not wenden können! Gottes unwandelbares Gesetz des Guten steht fest wie in stürmischer See ein mächtiger Fels, gegen den die Wogen des Irrtums vergeblich anprallen.

Elisabeth Barrett Browning schrieb einst:

„Lächelnd dacht' ich, Gottes Größe
Füllt doch allen unsern Mangel,
Unsere Unruh' schweigt in Seiner
Ruh'".

Die Christliche Wissenschaft betont die Größe Gottes, Seine Merkmale und Seine Macht; und wenn wir von allen Seiten bedrängt sind, wenden wir uns an Gott. Auf Seite 587 in „Wissenschaft und Gesundheit mit Schlüssel zur Heiligen Schrift" gibt Mary Baker Eddy für „Gott" die Erklärung: „Der große ICH BIN; der Allwissende, Allsehende, Allwirkende, Allweise, Allliebende und Ewige; Prinzip; Gemüt; Seele; Geist; Leben; Wahrheit; Liebe; alle Substanz; Intelligenz".

Wenn uns das Argument bedrängt, daß wir nicht aus noch ein wissen, wenn wir anscheinend von jeder menschlichen Hilfe abgeschnitten sind, wenn wir nicht wissen, ob wir weitergehen oder stillstehen, sprechen oder schweigen sollen, ruft das Herz in seinem Elend oft aus: „Wenn mir nur jemand sagen könnte!". Solchen Menschen wird die ermutigende Versicherung zuteil, daß die liebreiche Fürsorge dessen, der immer gegenwärtig ist, und den jeder erkennen kann, der bestrebt ist, Seine Führung zu suchen und zu finden, das menschliche Bedürfnis befriedigen kann.

In den Sprüchen lesen wir auch: „Verlaß dich auf den Herrn von ganzem Herzen, und verlaß dich nicht auf deinen Verstand; sondern gedenke an ihn in allen deinen Wegen, so wird er dich recht führen". In der äußersten Not mag man vielleicht denken, man käme aus seiner Schwierigkeit heraus, wenn man einen Teilhaber mit einer Million Dollar hätte. Dem ist aber nicht so. Bekanntlich sind schon Millionen verflogen, und ein menschlicher Teilhaber kann, wenn auch in bester Absicht, einen Rat erteilen und in einer Richtung handeln, die zu Untergang und Vernichtung führen. Es ist nicht Geld allein, was der bedrängte Geschäftsmann braucht. Es ist nicht bloß mehr Geld, sondern mehr Verständnis Gottes. Er fange an, sich im Sinne der Christlichen Wissenschaft mit dem Wesen Gottes so eifrig zu befassen, wie er sich mit seiner beständig abnehmenden Bankbilanz befaßt hat und sehe zu, was die Folge ist.

Zu allererst findet er, daß Gott „allwissend" ist, und schon das allein ermutigt ihn erheblich; denn wenn Gott „allwissend" ist, kann Er sich nicht irren, noch kann derjenige, der die göttliche Führung erkennt und sich ihr anvertraut, fehlgehen. Sodann findet er, daß Gott „allsehend" ist, und das hilft ihm noch mehr; denn wenn vor Gott nichts verborgen ist, kann jeder, der seine Angelegenheiten der Herrschaft der unfehlbaren göttlichen Weisheit anvertraut, durch keine erklügelten Schliche des sogenannten sterblichen Gemüts getäuscht, geblendet, hintergangen, betrogen oder übervorteilt werden. Dann sieht er auch, daß diejenigen, die unter göttlicher Leitung stehen, durch widergespiegelte Intelligenz neue Mittel und Wege, neue Arten des Vorgehens erkennen und Gelegenheiten und Handlungsweisen sehen können, an die sie vorher nicht gedacht hatten.

Da Gott „allwirkend" ist, geht alles wahre Wirken von Gott aus und muß daher vollständig gut und in nutzbringender Weise aufbauend sein und ununterbrochen, unaufhörlich und ungehindert fortdauern. Da Gott „allweise" ist, finden alle, die Ihn demütig und dankbar anerkennen, daß Er gegenwärtig ist, uns bei jeder Beratung und bei jedem rechten Bemühen zu leiten, und uns, wenn wir auf Ihn trauen, größeren Scharfblick, größere Weisheit und Voraussicht verleiht und zu richtigem Urteilen, klarem, raschen Entscheiden, zu Ehrlichkeit und Aufrichtigkeit führt. Da Gott „allliebend" ist, sind diejenigen, die Ihn auf allen ihren Wegen anerkennen, liebevoll, freundlich, rücksichtsvoll, gerecht, höflich, in allem, was sie tun, streng ehrlich und führen ihr Geschäft so, daß alle Beteiligten, sogar ihre sogenannten Wettbewerber, gesegnet werden. Und außer alledem ist Gott „ewig", also immer bei uns, derselbe gestern, heute und immerdar. Können wir um mehr bitten oder brauchen wir um mehr zu bitten?

Zögern wir also nicht, auf Gott als die einzige Macht, die es gibt, zu vertrauen! Ein solches Vertrauen führt zu einem Einssein mit Gott, das die Pforten der Hölle nicht überwältigen können. In "Unity of Good" schreibt Mrs. Eddy (S. 17): „Emerson sagt: ‚Hänge deinen Wagen an einen Stern'. Ich sage: Verbinde dich mit der göttlichen Kraft, und alles, was gut ist, wird dir auf deinem Wege helfen, wie die Sterne in ihren Bahnen wider Sisera stritten".

Auskunft über christlich-wissenschaftliche Schriften in deutscher Sprache gibt auf Anfrage die christlich-wissenschaftliche Verlagsgesellschaft (The Christian Science Publishing Society).

Bells of Memory

(The chiming of "Big Ben" at Westminster is heard in the United States on New Year's Eve, 1930)

Booming bells that crash the night
with over-tones, like cannoned waves
thundering against the island's white
hard-bitten cliffs and ancient caves.

Bells that awed me as a child;
and charmed me as a care-free boy:
chiming over seas wind-wild,
the virgin new year's unspent joy.

Sonorous bells beyond the sea,
rolling on through deep starred space;
recalling days of ecstasy
which memory's hand could hardly trace.

Boom out your diapason hail!
Crash through the mists of weighted years
and rend in twain time's woven veil
Once more it is the child who hears!

ARTHUR J. FREE.

About Hail

Rain forms in thunderstorms precisely as it does in any other kind of storm. . . . But not every thunderstorm produces hail. . . . When hail falls, its formation is a continuation of the rain-drop process which is going on inside the clouds. Water has been condensed in small drops on dust particles or ions, and the drops are being carried upward, meanwhile collecting more and more water around their cores. When the rise of air is rapid enough, these drops are swept up and up into the region of eternal frost, and are there frozen solid. They are then hailstones, but very small ones. If they were to fall at this stage in their manufacture, they would melt long before they reached the ground. In order to become real, able-bodied hailstones with size and gumption enough to fall and hit somebody they need to go through another process. They have to be juggled a bit by the storm. This is where the fountain-shaped rising column of air gets in its work. . . . Since the air fountain is narrow, the air which falls back from its peak does not escape beyond the area of the storm. With that falling air comes some of the little hailstones, starting what they fondly hope is a trip to the ground. . . . Part of the dream comes true for some of them; they fall freely to the ground but they melt into rain before they get there. . . . Things are different with the less impetuous hailstones. . . . These fall right into the center of the rising column of air. . . . It is snowing in the higher levels . . . so they take on a surface layer of snow. . . . They rise again to the cold upper levels, the outer layer freezes and another skin of snow is added. . . . As this rise and fall may be repeated a number of times, a hailstone is made up of these successive layers of snow and ice. . . . In the examination of hailstones . . . there is a fine chance for the amateur to do something decidedly worth while for meteorology. . . . And the curious facts about hail are explained likewise: There is no hail without a thunderstorm because only in such storms does the air rise violently in a fountain shaped jet. It hails only in summer because only then does the heating of the ground make the air fountain a possibility. There is no hail at night because nightfall cools off the ground and the air next to it. Hailstones are alternate layers of ice and snow, because water and snow alternately adhere to the frozen droplet that is the core of the whole business.—From "Weather," by E. E. Free and Travis Hoke.

Confidence in God

Written for The Christian Science Monitor

IN PROVERBS we read, "The Lord shall be thy confidence." If, then, affairs seem to be going through a period of depression and instability, what a joy it is to realize that in the midst of human uncertainty, when mortals feel that they know not which way to turn or what to do, there is One to whom they may appeal in their distress. God's unchanging law of good stands like some great rock in the midst of a troubled sea against which the waves of error dash themselves in vain.

Elizabeth Barrett Browning once wrote:

"And I smiled to think God's greatness
flowed around our incompleteness,
Round our restlessness His rest."

The greatness of God, His attributes and power, are set forth in Christian Science; and it is to God that we turn when troubled on every side. On page 587 of "Science and Health with Key to the Scriptures" Mary Baker Eddy defines "God" as "the great I AM; the all-knowing, all-seeing, all-acting, all-wise, all-loving, and eternal; Principle; Mind; Soul; Spirit; Life; Truth; Love; all substance; intelligence."

When the argument assails that we do not know what to do or where to turn, when all human aid seems cut off, when we know not whether to advance or stand still, to speak or to keep silent, the heart often cries out in its misery, "If I only had someone to tell me!" To such the comforting assurance comes that there is One whose tender care can fill the human need, who is ever present, and who may be known by the one who reaches out to seek and to find this guidance.

In Proverbs we also read: "Trust in the Lord with all thine heart; and lean not unto thine own understanding. In all thy ways acknowledge him, and he shall direct thy paths." Perhaps in his extremity one may fancy that if he had a partner with a million dollars his troubles would be at an end. But this is not so. Millions have been known to take unto themselves wings, and this human partner may, even with the best of intentions, give advice and follow a certain line of action which will ultimate in ruin and destruction. It is not money alone which the troubled business man needs. It is not merely more money, but more understanding of God. Let him begin through Christian Science to study the nature of God as assiduously as he has been studying his steadily diminishing bank balance, and see what the results will be.

First of all, he will find that God is "all-knowing," and that in itself will comfort him not a little; for if God is "all-knowing," He cannot make a mistake; nor can one who discerns and follows divine guidance make a mistake. Next he will find that God is "all-seeing," and this will help him still more; for if nothing is hidden from God, those who bring their affairs under the government of His infallible wisdom cannot be deceived, hoodwinked, imposed upon, cheated, nor taken advantage of by any of the schemes of so-called mortal mind's invention. Then he will also see that through reflected intelligence those under divine direction can discern new ways and means, new methods of procedure, and see opportunities and modes of action before unthought of.

Since God is "all-acting," all true action is of God, and so it must be wholly good and usefully constructive, and must continue without interruption, cessation, or obstruction. Since God is "all-wise," those who gratefully and humbly acknowledge Him will find Him present to lead one in every conference and in every right endeavor, guiding those who trust Him into ways of greater perspicacity, wisdom, farsightedness, correct judgment, clear, quick decision, integrity, and uprightness. Since God is "all-loving," those who acknowledge Him in all their ways are loving, kind, considerate, just, courteous, strictly honest in all their dealings, and are turning the business in which they are engaged into that which blesses all concerned, including even their so-called competitors. And, in addition to all this, God is "eternal," hence ever with us, the same yesterday, today, and forever. Can, or need, anyone ask more?

Then let us hasten to trust in God as the only power there is. Such confidence constitutes a divine union, against which the gates of hell cannot prevail. In "Unity of Good" Mrs. Eddy writes (p. 17): "Emerson says, 'Hitch your wagon to a star.' I say, Be allied to the deific power, and all that is good will aid your journey, as the stars in their courses fought against Sisera."

[In another column will be found a translation of this article into German.]

Youth's Country

I have said that already in my youth I was a deep and learned student of the country about my home, and that I always saw it as a kind of fairyland. And, cross-examining my memory, I find that I have in no way exaggerated or over-coloured these early and earliest impressions. Fairyland is too precise a word; I would rather say that I saw everything in something the spirit in which the first explorers gazed on the tropical luxuries and strangeness of the South American forests, on the rock cities of Peru, on the unconjectured seas that burst upon them from that peak in Darien, on the wholly unimagined splendours of the Mexican monarchy. So it was with me as a child. I came into a strange country, and strange it ever remained to me, so that when I left it forever there were still hills within sight and yet untrodden, lanes and paths of which I knew the beginning but not the end.—Arthur Machen, in "Far Off Things."

Box Borders

There is an old walled garden which I know,
With deep box borders round the beds,
And gravel paths between them.
An old man works there;
Brown and bent like the apple trees,
But much beloved by a small girl,
Who follows him and his spade
From place to place;
And converses with him on many subjects;
Sitting on a convenient flowerpot,
Or on the box border;
Which is not very good for the box border,
And must be inconvenient for the snails which live there.

The old man knows a great deal about lettuces,
And gardens generally,
For this garden took over a hundred years to make,
And he has seen most of them.
(He is not so instructional as the coachman,
Who knows how small girls should behave,
On all occasions,
And who has a startling knowledge of etiquette,
Which he must in some way have learnt from the horses)
But he is more truly educational
And knows a great deal about being good;
And indeed is a perfect companion
As gardeners go.

And when the small girl
Tires of sitting on flowerpots
And of learning how to be good;
She can go up the little hill
To the top of the garden;
And there, at the corner of the strawberry bed,
Is a clump of madonna lilies.
More than all the flowers in the garden
She loves the lilies;
More than the damask rose or the tea rose,
Or the sweet peas—which are sweet and pretty enough
But have not much character—
So she sits again on the box border,
(Which is still inconvenient for the snails,
And not at all good for the border).
And contemplates the lilies;
And knows she is seeing beauty.

And I myself, who know what beauty is—
For I have seen the moon rise behind the Wetterhorn,
And the sun rise on Table Mountain.
And I have even seen the New York sky line—
Am very glad that on somewhat dull days
When beauty seems to have betaken herself to the Sahara—
Or somewhere equally inaccessible,
I can open the garden gate,
And go up the little hill,
And find the small girl sitting on the box border,
Contemplating madonna lilies;
And knowing that she is seeing beauty.

A. Jacqueline Shaw.

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STOCKS ENJOY A GOOD RALLY, CLOSING FIRM

Trading Sluggish on Advance—Leading Issues Show Good Gains

NEW YORK, Jan. 16 (AP)—The stock market paused for breath today, after its abrupt decline of the previous session, and recovered a little in spots, as bears grew uneasy and drew in their short lines.

The market closed with a firm tone, with numerous advances of 1 to 3 points. Trading, however, was sluggish, the day's sales aggregating only 1,350,000 shares.

Such issues as American Telephone, Atchison, Westinghouse and Allied Chemical gained 2 to 3 points, while U. S. Steel, American Can, General Electric and North American rose a point or more. Bethlehem Steel dropped 2 and recovered only partially.

News of a character to influence the security markets was almost completely lackig, and traders in the main were content to stay on the sidelines. It was generally acknowledged in brokerake circles that yesterday's decline was accompanied by extensive bear selling, but it was sharp enough to inspire caution.

Silver Slips Again

In addition to wheat, silver was again under pressure, slipping back ⅝ of a cent to 28½c an ounce, duplicating the historical low established a week ago. The talk of plans to make an international loan to China to stabilize the metal appears to have brought out considerable opposition in banking circles where feasibility of such action is questioned.

On the other hand, export copper prices for March and April shipment were increased .05 and .10 of 1 cent a pound, respectively. Export sales continued in fair volume, but domestic buying was still quiet, and it was said in trade circles that the situation during the next few weeks will depend upon continued demand from abroad.

It was notable that the Annalist weekly index of commodity prices showed a negligible change from the previous week. For five weeks it has fluctuated within a range of less than half a point, the narrowest movement in a year. This lends support to the hope that stability is being or has been achieved.

Furthermore, the Annalist index of business activity, as announced in preliminary form for December, showed a reduction of only one-fifth of a point from November, which is described as "a tentative sign that we have reached the bottom of the present depression."

This index is weighted for seasonal trends.

The foreign exchange markets gave further evidence that the efforts to relieve the strain on sterling exchange on Paris were meeting with success, and news of further negotiations toward that end was regarded as constructive.

The financial community was interested in the League of Nations' meeting to examine the Briand Pan-European federation plan, but scarcely looked for immediate developments.

Credit rates remained stationary.

Steady Tone to Bonds

A very steady tone characterized price movement in the bond market today. Some of the investment issues legal for savings banks registered small advances but the great majority of domestic obligations held around their previous closing prices. United States Governments were accumulated at their high level of the last two years and were virtually stationary.

Trading in foreign issues was quiet and both European and Latin-American Governments assumed a firm trend. German International 5½s were very active and advanced fractionally. Polish 7s were reactionary and dropped about 2 points to 76¾ compared with a 1930 low of 68.

The week's total of new financing of $253,548,009 exceeded any week in 1930 except the corresponding week when offerings amounted to $305,508,000. The total represented a sharp increase over the first full week in January when financing totaled $38,995,000.

A protective committee is being formed in the interests of holders of Pan-American Petroleum of California 6 per cent controvertibles as a result of the receivership of the Richfield Oil Company of California which acquired Pan-American. The bonds which closed yesterday at 75½ were originally issued Dec. 15, 1925 for an amount of $15,000,000 but through operations of the sinking fund the total outstanding has been reduced to $9,750,000.

The issue is secured by a first closed mortgage on the entire real estate of Pan-American.

U. S. REALTY NET INCOME FOR YEAR

United States Realty & Improvement Co.'s net income for the year ended Dec. 31, 1930, is equal, after preferred, participating preferred and reserved for participating dividends of George A. Fuller Co. to $4.42 a share on the 983,578 shares of United States Realty common.

Result of operation of the Fuller building is not included in the net income shown above, but the excess of interest charges over net operating income for the first year have been charged to cost of the project.

During the year the work executed by George A. Fuller Company amounted to more than $39,000,000. At the end of the year the balance of work to be done on unfinished contracts amounted to $33,000,000.

SOUTHERN CALIFORNIA EDISON RIGHTS

Southern California Edison Company has authorized issuance of rights, pending approval of the California Railroad Commission, to original preferred and common stockholders to subscribe to additional common stock at $25 par, on the basis of one new share for each 10 shares held on Feb. 27. The total stock to be issued amounts to 312,000 shares and the funds realized will be applied to the company's $28,000,000 budget for 1931. The balance of the money required will be obtained through issuance of preferred stock and bonds.

PREDICTS SALE OF 4,000,000 AUTOS

MILWAUKEE, Wis., Jan. 16—Four million automobiles will be sold in the United States this year, C. A. Vane, general manager of the National Automobile Dealers Association, predicted. Stabilization of the automobile industry has assured it of steady growth and reasonable earnings, he told the Wisconsin Automotive Trades Association.

WESTERN GROCER COMPANY

CHICAGO—Western Grocer Company reports for six months ended Dec. 31 net of $168,663 after charges, equal after dividend requirements on 7 per cent preferred to $1.27 a share (par $25) on 105,000 common shares, compared with $199,409 or $1.51 a common share a year before.

FRIDAY'S TRANSACTIONS ON THE NEW YORK STOCK EXCHANGE

Closing Prices

1930 Range High	1930 Range Low	Div. in $	Stock	Sales	High	Low	Last Jan. 16	Last Jan. 15
42⅞	8	..	Abitibi	100	10⅛	10⅛	10⅛	9⅞
37⅝	14¼	1.60	Adams Ex	700	19⅛	18⅞	19⅛	19
34⅞	21	1.60	Addressograph	400	22	21⅝	22	21⅞
33⅞	3¼	..	Adv-Rumely	100	3⅞	3⅞	3⅞	3⅞
1⅝	¼	..	Ahumada	300	¼	¼	¼	..
156⅞	67⅛	3¶	Air Reduc	3000	85½	82¾	85½	83⅞
36	6⅝	.60	Airway El	600	8⅝	7⅞	8⅝	..
9⅝	4⅛	.40	Alaska Jun	16000	9	8⅝	8⅞	8⅝
35⅝	6⅝	..	Alleghany	5100	8⅝	8⅝	8⅝	8⅝
107⅞	36⅛	5½	Alleghany pf	300	48⅞	47	48⅞	..
90⅝	37⅛	5½	Allegh Stl pf xd	300	46	46	46	..
343	170¼	6¶	Allied Chem	6100	161	157¼	160½	157¼
126¼	120⅞	7	Allied Ch pf	100	122¼	122¼	122¼	123
68	31¼	3	Allis-Chal	1400	35	34¼	34⅝	34¾
3⅜	⅜	..	Amal Lea	100	1	1	1	..
31⅛	16½	2	Amerada	200	20	20	20	20
97⅞	45⅛	2¶	Am Bk Note	100	58	58	58	..
..	..	..	Am Ag C of Con	100	2⅛	2⅛	2⅛	2⅛
45	8	..	Am Beet S pf	40	17	17	17	..
54⅝	30	2.40	Am Brake	400	33½	32⅝	32⅞	34
218	118	7	Am Brake pf	10	118	118	118	..
21⅝	6¼	..	Am Br Bov	400	8⅝	8⅛	8⅝	8⅝
156⅞	104⅝	4¶	Am Can	39500	109⅛	106⅝	109⅛	107⅞
82⅞	24¾	6	Am Car & F	200	32	31⅝	32	32
69⅞	27	3	Am Chain	100	30⅞	30⅞	30⅞	30⅜
51⅝	35	2¶	Am Chicle	200	40⅝	40⅝	40⅝	40⅛
22	15⅞	2.40	Am Colortype	100	17	17	17	18
30⅞	8	1	Am En Til	100	11	11	11	..
101⅞	25	..	Am & F Pw	24000	29⅝	27¾	29⅝	28⅞
101	73	6	Am & F P 6	200	77⅞	77⅞	77⅞	78⅞
7	1⅞	..	Ab Hide	100	2⅛	2⅛	2⅛	2⅛
55⅝	16	2¶	Am Int Corp	900	19	18⅝	19	18⅝
4	½	..	Am La Fr	300	1	⅞	⅞	..
105	18¼	2	Am Loco	400	24	23⅞	24	24
14⅛	3	..	Am Mach & Met	200	4⅝	4⅛	4⅛	4⅛
85	20	7	Am Nat G pf	20	37½	37½	37½	37½
119⅝	36⅛	1¶	Am Pw&Lt	400	46⅛	45⅝	46	45⅛
89⅛	74⅝	5	Am P&L pf at	500	80	80	80	80
39⅞	15	1	Am Radiat	1200	17⅛	16⅞	17⅛	17
100⅞	28	2¶	Am Roll Mill	13600	30	28⅝	29⅝	29⅝
67⅝	52⅛	5	Am Saf Raz	600	63	62	63	62
3⅝	⅛	..	Am Ship	100	⅛	⅛	⅛	..
103⅝	93⅞	6	Am Smelt 2pf	100	96½	96½	96½	..
79⅛	37½	4	*Am Smelt	1900	43⅝	43	43⅝	44
52¼	23½	3	Am Stl Fnd	500	25⅝	25	25⅝	25
33⅛	5⅜	..	Am Solv pf	100	7⅛	7⅛	7⅛	6⅞
69⅞	39¼	5	Am Sugar	1100	47	46⅞	47	..
110	95	7	Am Sugar pf	100	101	101	101	101
274¼	170⅝	9	Am Tel&T	16600	183	179⅝	182⅞	180¼
141⅝	95	8	Am Type	100	105	105	105	..
124⅞	47⅝	3	Am Wat W	1500	55⅝	54	55⅝	54
108⅛	98	6	Am Wat W 6	100	102¼	102¼	102¼	..
20⅛	5½	..	Am Wool	200	10⅛	10	10	10
44⅞	15⅝	..	Am Wool pf	2300	31¼	29	31	29⅝
54⅛	35	5	Am Ship Blg	20	39	39	39	..
81½	25	2½	Anaconda	13900	32⅞	32	32⅞	31⅞
51⅜	24	2.40	Anchor Cap	100	29	29	29	..
29⅛	13⅛	2	Arch Dan	100	16⅛	16⅛	16⅛	16⅛
82⅞	60	7	Armour D pf	600	66	65⅛	66	..
8⅛	2¾	..	Arm Ill A	2400	3⅝	3⅛	3⅝	3½
7⅝	1½	..	Arm Ill B	7500	2¼	2⅛	2⅛	2⅛
65	25¼	7	Arm Ill pf	900	36	34⅞	35¼	36⅞
13⅝	3½	..	Arnold Cons	500	4	4	4	4
46⅛	20	4	Asso Apparl	900	27	26	27	26⅞
242½	168	10	Atchison	2300	189	185½	189	186
108⅜	100	5	Atchison pf	200	105	105	105	104½
175½	95¼	10¶	Atl Coast L	400	114½	113½	114½	113½
51⅞	16⅝	1¶	Atl Refin	1600	20⅝	19⅞	20⅛	19⅞
106	42	4	Atlas Pwd	100	49	49	49	..
106	97	6	Atlas Pwd pf	10	99⅞	99⅞	99⅞	98
263⅝	60⅝	4§	Auburn Auto	6500	105⅝	101⅝	105¼	102
7	1⅛	..	Austin N	100	2	2	2	..
10⅜	¾	..	Auto Sales	100	1⅜	1⅜	1⅜	..
9⅞	2⅝	..	Aviation	700	4	3⅞	3⅞	3⅞
			—B—					
38	19⅝	1¾	Baldwin	1400	22	21¾	22	21⅝
116	84	7	Baldwin pf	10	92½	92½	92½	92
122⅝	55⅞	7	*Balt & O	5500	75⅞	74	75⅞	76⅝
110½	103	6½	Bamber pf	20	106	106	106	..
116¼	106½	7	Bangor&A pf	20	109½	109½	109½	..
91	58	6½	Barker Br pf	60	56	56	56	..
34	8⅝	1	Barnsdall A	200	12½	12¼	12½	12⅝
85½	76¼	5.52	Belg NR ppf	200	80	80	80	78⅞
57⅞	14¼	1	Bendix	1200	18½	17⅝	18½	18
56¼	30⅜	2	Best & Co	100	33	33	33	32¼
110¼	47⅜	6	Beth Steel	45500	49⅝	47⅝	48⅝	49⅝
134	112⅝	7	Beth Steel pf	300	118¼	116	118¼	116
69	15¾	1½	Bohn Alum	200	22⅝	22	22	22⅝
90⅝	60⅞	3¶	Borden	3100	68⅞	67⅞	68⅞	68
50½	15	1	Borg Warner	1200	22¼	21⅛	22⅛	21½
25⅜	12¼	1½	Briggs	3900	17⅛	16½	17	16½
35¼	15¼	2	Brigs & Str	100	18	18	18	17½
85	13	7	Brockway pf	10	17¼	17¼	17¼	..
98¾	83	6	Bkyn Man pf	100	87	87	87	..
30⅜	10	..	Bruns Balke	200	11	11	11	11¼
31⅞	11½	1	Bucyrus	400	14⅝	14¼	14⅝	..
16⅝	3	..	Budd Mfg	200	4¼	4¼	4¼	..
14⅝	6¾	1	Budd Wheel	1800	10⅛	10	10½	9⅞
74	9⅞	..	Bullard	400	14⅛	14⅛	14⅛	15
43	8½	3	Bulova Watch	500	12½	12¼	12¼	12½
51⅞	18⅜	1	Burroughs	1000	22	21½	22	22
4¼	1¼	50	Butte Cop	200	1⅜	1⅜	1⅜	..
112⅜	33⅛	..	Byers	1700	42	40⅝	42	40⅝
			—C—					
77½	41¼	4	Calif Pack	1400	45	43	43½	45⅝
2⅛	⅜	..	Callahan	100	¾	¾	¾	..
89⅞	28⅝	..	Calu & Ariz	100	37½	37½	37½	37
33⅞	7¾	..	Calu & Hecla	100	9⅞	9½	9⅞	9¼
75⅝	30½	5	Canada Dry	2300	32	30¾	31	31⅝
52¼	35¼	10	Can Pac	9000	39¾	38½	39¾	39⅛
42	29½	..	Capital A pf	100	30⅛	30⅛	30⅛	..
362¾	83½	6	Case Thresh	5100	85⅛	82¼	84⅞	82½
79¾	22	3	Caterpillar	600	30½	30	30	29¾
12	3	..	Celotex ct	600	5¾	5¼	5¼	..
60	3	..	Celotex	900	6½	5⅞	6¼	7⅞
30½	18	1½	Cen Aguirre	100	22¾	22¾	22¾	22¾
65⅝	21	2	Cerro de P	900	24⅝	24	24¼	24¼
15⅞	2	..	Cert-Teed	300	3½	3⅛	3⅛	3½
67⅞	14⅝	1.80	Checker Cab	400	18⅝	18⅛	18⅛	17⅞
82½	32¼	3	Ches Corp	1000	42	41	42	40⅞
51⅝	32⅞	2½	Ches & Ohio	3100	40½	39⅞	40½	40
10	⅜	..	Chi & Alton	300	2¼	2	2¼	2¼
10⅝	¼	..	Chi & Alt pf	900	1¼	1	1	1⅛
17¾	4¾	..	Chi Gt West	500	7¼	7	7¼	7⅛
52⅞	12	1	Chi Gt W pf	800	21⅞	21	21⅞	22½
26⅞	4¼	..	Chi M&SP	400	7¾	7¼	7¾	7¼
46¼	7¾	..	Chi M&SP pf	1000	12⅞	12	12⅞	12
37	7⅞	..	Chi Pneu	200	10½	10⅜	10½	10⅜
32½	10½	2	Chick Cot O	100	11	11	11	11
43	14⅛	1	Chrysler	4800	16⅝	16	16½	16⅛
49	32⅞	3.60§	City Ice	100	36	36	36	36½
13¼	2½	1	City Stores	500	3	3	3	3⅛
191⅞	133¼	6	Coca Cola	3100	148½	145½	148½	147
52⅞	48½	3	Coca Cola A	100	50⅞	50⅞	50⅞	..
64⅞	44	2½	Col Palm	200	48	48	48	47½
35⅞	12	..	Collins&A	400	13⅛	13	13⅛	13¼
77	18¾	1	Colo F&I	200	23¾	23½	23¾	23¾
87	80⅞	2	Colum Gas	5200	34¼	33¼	34¼	33⅞
110	99	6	Col Gas pf A	700	104⅞	104	104⅞	104
199	65⅛	6	Col Carbon	400	79	76½	79	76½
37⅞	7⅛	¾	Col Graph	1400	8⅞	7¾	8	7⅞
40¾	15½	2	Com Cred	100	3¾	3¾	3¾	..
95½	76¼	6½	Com Cr 1pf	20	83	82	82	81½
55	21¾	1.60§	Com Inv Tr	900	25⅝	25½	25½	25½
38	14	1	Com Sol	1600	15¾	15¼	15½	15½
20¼	7½	.60	Commwlth So	3100	8⅞	8⅝	8⅞	8¾
104¾	86½	6	Commwlth So 6pf	400	95½	95½	95½	95
57	33	2	Conde Nast	100	33	33	33	..
19¾	6¼	..	Congoleum	600	8¼	7⅞	8¼	8
27⅞	7⅞	2	Con Film	200	12	12	12	..
28¼	12½	2	Con Film pf	400	17⅞	17⅛	17⅛	17⅞
136⅞	78¼	4	Con Gas	5400	84½	82⅞	84¼	82⅞
105½	99⅞	5	Con Gas pf	300	103½	103⅛	103⅞	103¼
62	30	6	Con Ry C pf	100	36	36	36	..
2	¼	..	Con Textile	600	¾	¾	¾	..
22½	5¼	1.20	Container A	100	8	8	8	7⅞
52½	16¾	..	Cont Bak A	3200	21½	20⅝	21	21¾
7	2	..	Cont Bak B	1200	2⅝	2½	2½	2⅝
71⅞	43½	2½	Cont Can	2200	49¼	48¼	49¼	48½
37⅞	9¾	1	Cont Dia Fib	500	11¾	11¾	11¾	11½
77⅞	37¼	2.40	Cont Ins	100	45	45	45	44¾
8¼	2½	..	Cont Motors	100	3⅛	3⅛	3⅛	3¼
30½	7¾	..	Cont Oil	1200	10	9⅞	10	9⅞
40⅞	8⅛	1	Cont Shares	900	9¾	9½	9¾	9⅞
111⅞	65	3¶	Corn Prod	600	78¼	77¼	77½	77⅜
33	7⅛	..	Coty	600	8½	8⅛	8½	8½
35⅝	25½	2¶	Cream of Wh	100	27	27	27	..
59⅝	31	..	Crown Cork	100	32	31	32	..
18½	4¾	1	Crown Zell	100	6⅞	6⅞	6⅞	6¼
19½	2⅛	..	Cuba Co	300	5	4⅞	4⅞	4⅞
70	33	6	Cuba Ry pf	50	38	36	38	36
65⅞	25	..	Cub Am S pf	10	30	30	30	30
2⅛	¼	..	Cub Dom S	100	⅞	⅞	⅞	..
126⅛	85	6	Curtis Pub	200	92¼	92	92¼	91½
121¼	112	7	Curtis P pf	100	114	114	114	113¼
14⅞	1¾	..	Curtiss Wr	4500	3⅞	3¾	3⅞	3¾
19¾	3	..	Curtiss Wr A	900	5⅞	5½	5½	5½
90½	35	3½§	Cutler	300	37	37	37	37
			—D—					
43⅝	10	..	Davison	100	14	14	14	13⅞
24½	20	1.20	Deere pf	300	21¾	21¾	21¾	22
181	130⅛	9	Del & Hud	100	143½	143½	143½	..
153	69½	6¶	Del Lac & W	200	95	91½	95	90½
80	25⅛	..	Denv RG pf	100	34¼	34¼	34¼	..
..	..	..	Diamond M pf	1300	24⅞	24⅝	24⅞	24¾
..	..	8	Diamond M	800	15¾	15⅛	15½	14¾
10⅜	6¾	1	Dome Mines	200	10⅛	10	10⅛	10
30⅞	12	1.20	Dom Stores	400	16	15⅝	15½	15¼
3	¾	..	Du So Shore	100	1	1	1	..
145¼	80½	4¶	Dupont	7800	87	84	86½	84⅛
19	13	1	Duplan Silk	100	13¾	13¾	13¾	..
			—E—					
255¼	142⅛	5¶	East Kodak	3600	147½	145¼	146¾	145¾
134	120⅞	6	East Kod pf	30	129	129	129	..
37¼	11⅞	1½	Eaton Axle	300	13⅞	13¾	13¾	14¼
114⅞	33	6	Elec Auto Lt	1100	52	50⅝	51⅞	51
9⅞	2⅛	..	Elec Boat	100	3	3	3	3
103½	34⅝	1	Elec P&L	7200	42¾	41⅛	42¾	41⅛
102	84¾	6	El Pr&St 6pf	300	89	89	89	89⅛
79⅞	47⅛	5	Elec Sto Bat	200	53	52⅞	53	..
14	2	..	Elk Horn pf	20	5½	5½	5½	6¼
59⅝	36⅞	5	End John	400	40	39⅞	40	39⅝
63¾	22⅛	..	Erie	700	30	29⅛	30	30
43⅝	6⅝	..	Eurakes Vac	100	10⅝	10⅝	10⅝	..
30⅞	4	..	Evans Auto L	100	5	5	5	5
27½	21⅞	1½	Ex Bufffet	50	22½	20¾	20¾	21¼
			—F—					
80	12⅝	7	Fash Park pf	100	18	18	18	..
38	12½	..	Fed Deut St	100	18	18	18	18⅛
25½	10	1	Fed Screw W	100	10¾	10¾	10¾	..
43	17½	2.40	Fed Wat Svc	400	24⅞	24⅝	24⅞	24½
89¾	42¼	2.60	Fidelity Ins	100	48	48	48	47
10½	7	.61¶	Fifth Ave B	10	6⅞	6⅞	6⅞	..
100¼	96	6½	Filene pf	100	90¾	90¾	90¾	..
87⅞	53⅝	6	Firestone pf	200	59⅝	58½	58½	59
61⅝	48⅝	2½	First Nat St	300	45½	45	45½	45⅛
5½	½	..	Fisk Rubber	200	¾	⅝	¾	⅝
21	1¼	..	Fisk Rub 1pf	10	2⅝	2¼	2¼	2½
104½	37½	2	Foster & Wh	1300	46⅞	44½	46½	44⅝
50	18¼	..	Fourth Nat In	700	26	25⅝	26	26
57⅞	16⅛	4	Fox A	2800	27½	26⅞	27½	27¼
55½	24½	4¶	Freeport Tx	300	29¾	29½	29¾	29½
			—G—					
80	50	5	Gamewell	20	54⅞	52	54¾	53
111⅞	53½	4¶	Gen Am Tk	200	59½	59	59½	58½
71⅛	22⅝	3	Gen Asphalt	100	27	27	27	27¼
125	97	8	Gen Bak pf	100	105	105	105	105
38½	5⅛	..	Gen Bronze	300	7⅛	7⅛	7⅛	7⅛
34½	6½	..	Gen Cable	100	9	9	9	..
104¾	36	7	Gen Cable pf	80	57½	52	54⅞	57
104¾	36	7	Gen Cable pf	60	57½	52	54	57
95⅝	41½	6	Gen Elec	20300	43¾	42½	43¾	42½
12	11⅝	.60	Gen Elec Sp	200	11⅞	11¾	11¾	12
61¼	44⅝	3	Gen Foods	2300	50¼	48⅝	50¼	49¼
106½	38	6	Gen G&E cr pf	100	65¼	65	65¼	65¼
18⅝	3⅞	.30	Gen G&E A	1000	5	4⅞	5	5
59¾	40½	3¶	Gen Mills	500	46½	46⅛	46⅛	46½
98¾	89	6	Gen Mills pf	100	96	96	96	..
100⅞	91⅞	5	Gen Mot pf	100	98¼	98¼	98¼	98½
54¼	31½	3¶	Gen Motors	14400	36¼	35⅝	36¼	35½
52⅞	12⅝	6a	Gen Pub Svc	1800	15½	14⅞	15½	15⅝
10	5½	..	Gen Theatre n	2400	10¼	9⅝	9¾	9⅛
106⅞	56	5	Gen RybSig	400	69½	68	69½	68
19⅝	3½	..	Gen Realty	500	5¾	5½	5¾	5¾
90	39	4¶	Gen Refrac	300	43¾	41⅝	43¾	42⅝
106½	18	1	Gillette	8300	27⅞	27½	27¾	27¼
20⅞	4¼	..	Gimbel Br	300	5	4⅞	5	5
38	7	..	Glidden	200	10	9¾	10	10
105½	63½	7	Glidden ppf	80	78	78	78	78
19	3	..	Gobel (Adolf)	1000	6	5¾	5¾	6
97⅞	24	2½	Gold Dust	2300	34	32⅝	34	32¾
58½	13¼	4	Goodrich	1700	15⅞	15⅝	15⅝	15⅝
104½	62	7	Goodrich pf	200	64	63	63	63
96⅞	35§	5	*Goodyear	2800	42½	41	42	42½
102¼	78¼	7	Goodyear 1pf	200	81⅞	81½	81½	82
26⅞	3⅝	..	Gotham Hos	100	5½	[illegible]	[illegible]	..
56⅝	12	3	*Granby	400	15⅝	15⅛	15⅝	16
52	18	1¶	Grand Silver	900	24⅛	23	24⅛	21⅝
20⅛	10	1	Grand Union	200	10⅝	10⅝	10⅝	11
55⅝	15	2	Granite City	100	21⅝	21⅝	21⅝	..
57	29⅞	1	Grant (WT)	300	30	29¾	29¾	28⅞
102	51	5	Grt Nor pf	600	63	62	62	62⅞
21⅝	17⅛	2.25	Grt Nor Ore	100	20	20	20	20⅞
34⅝	7	..	Grt W Sug	400	9⅛	9	9⅛	9
26	2½	..	Grigsby Gru	1300	3⅝	3⅛	3⅝	3⅛
2	¾	..	Guan Sug	100	1	1	1	..
			—H—					
23¼	6⅛	..	Hahn Dpt St	100	7⅛	7⅛	7⅛	7⅛
72⅛	38	2	Harbison	300	40½	40	40½	39⅞
123⅞	116½	7	Here P pf	20	118½	118	118½	117
100	70	5	Hershey Ch	200	68	67⅞	68	68
12⅝	5	..	Hollander	100	8⅛	8	8	7⅞
41⅞	26¼	2½¶	Holland F	100	27⅞	27⅞	27⅞	..
83	72	6¶	Homestake	200	82	81⅞	82	..
29	4	..	Houdaille B	900	5⅛	4⅞	5⅛	4⅞
116⅞	29¼	10¶	Houston Oil	900	39	37⅞	38⅞	37½
11⅝	6⅜	..	Houston O n	700	9	8⅞	9	8⅛
41⅞	20	4¶	Howe Sound	400	23	22⅞	23	22⅝
53⅝	34⅝	3½	Hud Man	200	38	37⅞	38	37
62⅞	18	3	Hudson Mot	3300	22⅝	22	22¾	21⅞
26⅝	7⅛	2¶	Hupp Motors	1600	8⅛	8	8	8⅜
			—I—					
136⅝	85¾	7	Ill Central	500	85½	83¾	85¼	85
17	2	..	Indian Mot	200	3	3	3	..
87⅛	18	..	Indian M pf	40	23	23	23	..
28⅝	3	..	Indian Refin	600	4	3⅞	3⅞	3⅞
239	147¼	4	Ingersoll R	200	177	176⅛	177	175
124	31	..	Ind Rayon	100	47	47	47	46
239	147¼	4	Ingersoll R	200	177	176	177	175
98	58	..	Inland Steel	300	60	59⅞	60	59¾
30⅞	6⅝	4	Inspiration	400	8⅛	8⅛	8⅛	8
17⅝	4	.45	Insuran Sh	100	6⅛	6⅛	6⅛	6⅝
8⅛	3⅛	..	Int Agri	100	3⅛	3⅛	3⅛	..
19⅞	8⅝	.50d	Int Carrier	400	10⅜	10⅜	10⅜	11
73⅝	40⅞	4	Int Cement	500	50¼	49⅞	50¼	50⅛
14⅞	1¼	..	Int Combus	1700	2⅛	2	2	2⅛
78	13	..	Int Comb pf	100	24	24	24	25
115⅝	45½	2½	Int Harv	1400	49⅝	48	49½	48⅛
54	18⅝	2b	Int Tyd El	400	25⅞	23⅛	23⅞	23⅝
92	52¼	4	Int Match pf	200	56⅝	56⅝	56⅝	56⅝
33	15	2	Int M Mar	100	15⅝	15⅝	15⅝	15½
44⅝	12¾	1	Int Nickel	12800	15⅛	14¾	15⅛	14¾
123	116	7	Int Nickel pf	100	115⅞	115⅞	115⅞	..
86	26	7	Int Paper 7%	50	33	33	33	..
18	2	..	Int P&P C	200	3⅜	3⅜	3⅜	3⅛
45⅞	31	3	Int Salt	400	37⅞	37⅞	37⅞	37½
77⅝	17½	2	Int Tel & T	7900	22⅝	22	22⅞	22¼
40	14⅝	2	Inter Dep St	100	16½	16½	16½	16⅝
32	12	2	Intertype	100	16	16	16	16
43	25	4	Island Cr	100	30	30	30	30
			—J—					
148¾	48¾	3	Johns Man	2300	60¾	58	60½	58
123⅞	117	7	Johns Man pf	40	120⅛	120⅛	120⅛	..
123½	116	7	Jones & L pf	110	120⅛	120⅛	120⅛	120¼
5½	¼	..	Jordan Mot	100	⅝	⅝	⅝	⅝
			—K—					
85⅝	34	5	Kan City So	200	37½	37½	37½	40
6⅛	1	..	Kelly Spring	400	1⅜	1⅛	1⅛	1¼
42	9	..	Kelly Spr 8%	60	13⅝	12½	13⅝	12½
38⅞	19⅛	2	Kelsey Wh	1600	23	22½	23	..
26⅝	7⅝	..	Kelvinator	800	9⅛	9⅛	9⅛	9½
89	20	6¶	Kendall pf	10	27	27	27	..
62⅜	20⅛	2	Kenecott	3900	24⅝	23¾	24⅝	24
8½	¾	..	Kolster Rad	100	1¼	1¼	1¼	1¼
36⅝	26⅛	1.60	Kresge	600	26⅞	26¼	26⅞	26⅞
35⅞	20⅝	1.60	Kreuger Toll	1600	21⅝	21⅜	21⅝	21⅞
48⅛	17⅛	1§	Kroger	2400	20½	19⅝	20½	19½
			—L—					
11	3⅛	..	Lee Rubber	100	3⅛	3⅛	3⅛	..
42	11	1	Leh P Cem	100	18	18	18	17½
17⅛	4¼	..	Leh V Coal	500	8⅛	7⅞	8⅛	8
37⅞	14⅞	3	Leh V Coal pf	100	21	21	21	..
84⅞	40	3½¶	Leh Val RR	100	58	58	58	..
97¼	51⅞	3	Lehman	2700	56⅛	56⅛	56½	56
31⅝	10⅛	..	Libbey Ow	100	12	12	12	12½
49⅛	18½	..	Lima Loco	300	27⅝	27⅝	27⅝	27⅞
81⅞	39	4	Liquid Car	400	43½	42¾	43½	..
95⅞	41¾	3¶	Loews Inc	1200	47½	46½	47½	46⅝
6⅞	2½	..	Loft Inc	100	2¾	2¾	2¾	..
70¼	40¼	2.60	Loose-Wiles	300	48¼	47	48¼	47
51¼	25	1¾¶	Lou G&E A	100	28⅝	28⅝	28⅝	28¼
138⅛	84	7	Louis & N	200	102½	102	102¼	104
12	3½	..	Lou Oil Ref	300	4	4	4	4
44⅞	9¼	..	Ludlum Stl	300	12⅞	12¼	12⅞	12¼
			—M—					
74	37	2	McCrory Str	40	35½	35	35	..
89½	61	4¶	McKeesport	100	74	73⅝	73⅝	73⅞
88½	33⅝	4	Mack Trucks	1800	37½	36⅞	37⅛	36⅞
159¼	81⅞	2¶	Macy	800	85	84⅞	84⅝	85
15⅝	4⅛	.60	Madison Sq	100	5	5	5	..
8	1	..	Manati Sug	20	3⅛	3⅛	3⅛	3
42½	24	.80	Man Elv mg	400	34	33⅝	34	34
25⅞	6⅛	1	Man Shirt	100	8	8	8	..
32½	17⅛	1.20	Marine Mid	1000	21⅛	21⅛	21¼	21⅞
6¼	2⅛	..	Mkt St Ry 2pf	100	3	3	3	3⅝
30⅞	4¼	..	Marmon	100	6⅛	6⅛	6⅛	6
48⅞	24	2½	Marshall F	1500	26	25⅞	26	26⅞
51⅞	30⅛	2	Math Alkali	7800	25½	24⅛	25½	25⅛
136	115	7	Math Alk pf	130	122	120	120	..
61⅞	27¾	2¶	May Dept S	100	31	31	31	30⅞
40½	15	3	Maytag pf ww	200	19	19	19	..
37	9¾	..	Mex Seabd	3500	13¼	12½	13¼	12⅝
33⅞	7	..	Miami Cop	200	8¼	8⅛	8⅛	8⅛
33	11	2	Mid Cont	900	14⅞	14½	14⅞	15
53	15⅝	3	Midland St	1200	22	21⅝	22	22
2⅛	¼	..	Min StL	100	¾	¾	¾	..
66⅞	14⅞	3	Mo K&T	3200	25	23⅞	25	24⅞
108⅞	60	7	Mo K&T pf	700	85	82	84	83
98⅞	20⅝	..	Mo Pac	600	35	34¼	35	34⅛
145⅛	79	5	Mo Pac pf	200	92⅞	92⅝	92⅝	93⅞
63⅞	18⅞	1	Monsanto Ch	100	21¾	21¾	21¾	21⅞
49⅞	15⅞	..	Mont Ward	12100	17⅞	16⅞	17	17⅞
2	¼	..	Mother Lode	1000	⅞	½	⅞	..
11⅞	1½	..	Mot Met G&E	200	2⅝	2⅛	2⅞	3
81	25	2	Motor Prod	400	30½	30	30½	31
53⅞	25⅞	3¶	Munsing	800	28½	27½	27⅞	28⅞
25¼	9	2a	Murray Body	500	12⅞	12⅛	12⅞	12⅛
			—N—					
132	70	5	Nash & Chat	20	79½	79	79	..
58⅞	21¼	4	Nash Mot	2100	32	30⅞	32	31
20	2⅛	..	Nat Bellas H	200	4	4	4	4½
93	68⅞	2.80¶	Nat Bisc	1300	78⅛	77⅛	78⅛	77⅞
83⅛	27⅞	3¶	Nat Cash R	700	32	31⅞	31⅞	31⅞
62	35	2.60	Nat Dairy	4000	40⅞	39¾	40⅞	40
24½	4	1	Nat Dept Sto	200	5⅛	5⅛	5⅛	5⅝
39½	18⅛	2	Nat Distil	100	21⅛	21⅛	21⅛	..
120	116	6	Nat Lead pf B	10	116⅞	116⅞	116⅞	120
88⅝	30	1	Nat Pw & Lt	2800	32⅞	31⅞	32⅝	32⅛
4⅛	½	..	Nat Radiat	100	1	1	1	..
1½	¼	..	Nat Ry Mx 2pf	100	½	½	½	..
62⅞	41	2	Nat Steel	300	45½	45⅛	45½	45½
41⅞	13	1	Nat Tea	400	15⅝	15⅛	15⅝	15⅛
32⅞	9	1	Nev Cons	800	11⅛	10⅞	11⅛	10⅞
19⅞	15½	..	Newport Co	100	16⅞	16⅞	16⅞	16⅛
47	21½	2.40	NY Air Br	100	24½	24½	24½	24½
192¾	105⅞	8	NY Central	6000	119⅛	116⅞	119⅛	117½
324	152	5	NY&Harlem	20	170	166	170	170
128⅛	67⅛	6	NYNH&H	1300	84	82⅞	84	84
135½	106½	7	NYNH&H pf	500	114½	114	114⅛	114¼
17¼	3¾	..	NY Ont&W	100	7	7	7	..
2½	⅛	..	NY State Ry	100	1	1	1	..
3½	⅛	..	NY St Ry pf	100	¾	¾	¾	..
117	108⅞	7	NY Stm 7%	20	113¼	113¼	113¼	..
106½	98	6	NY Stm 6%	10	101⅞	101⅞	101⅞	..
132½	57¼	10a	No Am	8000	66⅛	64⅞	66⅞	65
57	51	3	NO Am pf	100	53⅞	53⅞	53⅞	..
105⅛	99¾	6	No Am Ed pf	400	104	103⅛	104	..
15⅞	4⅛	..	NorAm Aviat	1300	6¼	6⅛	6¼	6¼
50⅞	28⅞	3.41	N Ger Lloyd	100	24⅞	24⅞	24⅞	24⅞
97	42⅞	5	No Pac	1100	54	53⅞	54	55
4	½	..	Norwalk T	400	¾	⅝	¾	..
			—O—					
32	16	2	Ohio Oil	600	18	17⅞	18	17⅞
56	22	3	Oppenheim	400	22½	22	22	..
80⅞	48¼	2½	Otis Elev	400	55⅞	54⅞	55⅞	55
38⅞	9½	..	Otis Steel	400	13	12⅞	13	..
			—P—					
74⅞	42½	2	Pac Gas	30	46¼	45¼	46¼	45¼
107⅞	46	3	Pac Lighting	400	53	52½	53	52½
178	114½	7	Pac Tel&T	10	124	124	124	..
23⅝	7¼	.60	Packard M	2500	9¼	9	9¼	9
77¼	34⅞	..	Paramount	3700	42⅛	40⅞	42⅛	41
4⅞	1⅜	..	Park Utah	300	1½	1½	1½	1½
9	1½	..	Pathe Exch	500	1⅞	1⅞	1⅞	1⅞
19⅝	2⅞	..	Pathe Ex A	300	3½	3	3½	3¼
32⅞	8⅞	..	Patino M	100	3⅛	3⅛	3⅛	..
14	3	..	Peerless Mot	100	4⅞	4⅞	4⅞	..
55⅞	26⅛	1	Penick & F	1300	42½	40⅞	42½	40⅞
80	27⅞	3	J C Penney	200	28⅞	28⅞	28⅞	28⅞
86⅞	53	4	Penn RR	2900	60⅞	59⅞	60⅞	59⅞
325	185¼	8	Peoples Gas	100	224¾	220⅞	224¾	223
27¼	5½	1.50	Petroleum	1500	8	7⅛	8	7⅞
44⅞	20	2	Phelps Dodge	200	20⅞	20⅞	20⅞	..
57	50⅛	3	Phila Co 6%	400	53	53	53	..
25⅞	6½	..	Phila Read	800	9	8⅝	9	8⅝
44⅞	11⅛	2¶	Phillips Pet	7000	14¼	13⅞	14¼	13¾
2⅛	½	..	Pierce Oil	100	¾	¾	¾	..
7⅛	1⅞	10	Pierce Pet	100	2½	2½	2½	2½
103	84	7	Pitts Stl pf	20	87	87	87	87
34⅛	10½	2	Poore & Co B	100	12⅝	12⅝	12⅝	12¾
54	11⅛	2¶	Prairies O&G	1400	14	13¾	13⅞	13¾
60	16⅞	3¶	Prairie P L	2100	19	18¼	19	19
78⅞	52⅞	2.40	Proctor & G	200	66	65½	66	65¾
11⅞	1	..	Prod & Ref	200	3⅛	3⅛	3⅛	..
40	11½	..	Prod & R pf	10	12½	12½	12½	..
123⅞	65	3.40	Pub Serv	1300	75½	73¼	75½	73
100	91¾	5	Pub Serv 5%	100	97½	97½	97½	97¼
135¼	121	7	Pub Serv 7%	400	130	129¾	130	..
89⅞	47	4	Pullman	500	54⅞	54½	54½	54⅞
27¼	7⅞	..	Pure Oil	2000	10⅞	10	10⅞	10⅞
114¼	90½	8	Pure Oil pf	20	100	100	100	100
86⅞	36	4	Purity Bk	1300	46	45	45¾	45½
			—R—					
69⅞	11⅞	..	Radio	7300	13⅞	13	13½	13¼
85	31⅛	5	Radi pf B	400	40½	40¼	40½	40½
50	14⅞	..	Radio-Keith	4200	17	16¼	17	16⅞
57	47	2	Reading 2pf	100	47	47	47	46⅞
46⅞	14¼	1.60	Rem Rand	400	15⅞	15⅝	15⅞	15⅞
100⅞	84	7	Rem Rd 1pf	100	85	85	85	..
14⅞	7⅝	.80¶	Reo Motors	100	9	9	9	8⅝
79½	10½	..	Repub Stl	4300	17½	16¾	17½	17
34⅞	10	2	Rey Metal	100	13⅛	13⅛	13⅛	13¾
28¼	4⅛	..	Richfield Oil	18000	3¼	3	3⅛	2⅞
25¾	5	..	Rio Grande O	1200	6½	5½	6½	5⅝
48¾	14¾	2.20	Rossia Ins	400	18⅞	18⅞	18⅞	18⅞
56½	36⅞	1.87	Royal Dutch	400	38¾	38⅝	38¾	38⅝
			—S—					
122¾	38¾	5	Safeway S	400	40⅝	39	40⅝	38⅞
109⅞	95	7	Safew S 7%	50	100½	100	100	..
57¼	19¼	2¶	St Joseph	200	25½	25½	25½	..
118⅞	39¾	8	StL & SF	100	46¾	46¾	46¾	46
31⅝	12¼	2	Savage A	400	13¾	13¼	13¾	..
12½	⅜	..	Seabd AL	2300	1	1	1	1
28	½	..	Seabd AL pf	100	1¾	1¾	1¾	1⅞
100⅝	43½	2½¶	Sears Roe	14600	48¼	46⅛	47¾	47⅝
13½	3⅛	..	Servel N	1000	5⅝	5	5⅝	5
27¾	11⅛	..	Sharp Dohme	100	12	12	12	..
52	20⅛	1¶	Shattuck	200	22½	22½	22½	22½
25½	5¼	..	Shell Union	7100	9⅛	8¼	9⅛	8¾
106¼	55	5.50	Shell Un pf	400	68	65½	65½	70
94⅞	11	..	Simmons	1300	15⅝	14⅞	15⅝	15
37	5⅝	..	Simms Pet	200	8	8	8	8½
32	9¾	1	Sinclair	5900	11⅝	11	11⅝	11⅛
112¼	86	8	Sinclair pf	100	96	96	96	..
42	10	2	Skelly Oil	1200	9½	8½	8½	9½
98⅝	42	2	Skelly Oil pf ww	200	50⅝	50½	50⅝	..
118	90⅝	5.50	Sol Am pf ww	300	92	90⅝	92	..
72	40⅛	2	So Calif Ed	300	46¼	45⅞	46¼	46
127	88	6	So Pacific	1200	100½	99½	100½	100½
30¾	10⅛	2¶	So PR Sug	1300	14⅞	13⅝	14⅝	14⅛
122	103	8	So PR Sug pf	10	110	110	110	..
136¾	46⅛	8	So Railway	1300	58½	57⅝	58¼	56⅞
45	32	2	Spalding	100	35	35	35	..
30½	8	1	Sparks With	100	10	10	10	9⅞
52	4½	..	Spiegel May	100	5½	5½	5½	..
29¼	14½	1.20	Sta Brands	5800	17¾	17¼	17¾	17½
129¼	53⅛	3.50	Sta Gas	1700	60	58⅝	60	59¾
67	55	4	Sta Gas pf	100	60½	60	60¼	60½
75	42¼	2.50§	Sta Oil Cal	3700	46⅞	46¼	46⅞	46⅞
49	14⅝	2	Sta Oil Kan	100	18	18	18	17
84⅞	43½	1¶	Sta Oil NJ	13000	47½	46⅝	47½	47
40⅝	19¾	1.60	Sta Il NY	6400	23½	23	23½	23¼
47⅝	19	3¶	Starret Co	100	22	22	22	..
20½	2⅝	..	Sterling	700	4	3¾	4	4
48	20⅛	2	Ster cv pf	100	34	34	34	33
47	14⅛	2	St-Warner	500	18⅛	17⅞	18	17⅞
113⅝	37½	7	Stone & Web	1500	43½	42½	43½	43
47⅝	18⅛	3	Studebaker	3300	23⅛	22⅞	22⅞	22¼
1⅝	⅛	..	Sub Boat	100	¼	¼	¼	¼
70	39	1§	Sun Oil	100	40½	40½	40½	40
9⅝	¾	..	Super Oil	300	1⅛	1⅛	1⅛	1⅛
45⅞	30	2½	Superheater	400	33½	33½	33½	..
			—T—					
60½	28¼	3	Tex Corp	2800	31⅛	30⅞	31⅛	31¼
67⅝	40¼	4	Tex Gulf S	1500	47	46½	47	46⅝
14⅛	4	..	Tex & P Coal	200	5⅛	5⅛	5⅛	5
32⅝	10	..	Tex & P LT	200	13	12⅝	12⅞	12⅞
36⅝	12½	1.60	Thatcher	200	15¾	15½	15¾	14½
46¾	15½	2d	Third Nat Inv	700	21	20¾	21	..
47½	23	3	Thompson	100	26½	26½	26½	26½
49⅝	23⅝	3.50	Thom Star pf	100	28½	28½	28½	..
39⅝	10	2.40	Thom Prod	100	13	13	13	13½
31	12	.80	Tidewater	100	12¾	12¾	12¾	..
17¾	5⅝	.60	Tidewat As	500	7¼	7¼	7¼	7¼
89¾	53	6	Tidewat A pf	100	63	63	63	60½
89¼	40½	3	Timken	1200	44¼	43¾	44¼	44
25⅝	10⅝	1	Transamer	1600	13	12⅝	13	13
20¼	5⅝	..	Tri-Cont	700	8	7¾	8	7¾
96½	89¼	6	Tri-Cont pf	300	92¾	92¾	92¾	92¾
			—U—					
138	49	5	Underwood	200	55	55	55	55
106⅝	52½	2.60	Un Carbide	5800	57⅞	56⅛	57⅞	56¾
50	20⅛	2§	Un Oil Calif	300	23	22⅝	23	23
242¾	166½	10	Un Pacific	500	188	185¾	188	186
88⅝	82¼	4	Un Pac pf	200	85½	85	85	85¼
55⅛	15⅛	..	Uni Am Bosch	100	16	16	16	..
99	18⅝	..	Uni Air T	16300	24⅝	23⅝	24½	23¾
77¾	41¾	3	Uni Air T pf	300	48⅞	48	48⅞	49
64	14⅝	1¾	Unit Carbon	800	23½	22⅛	23½	22¼
52	13⅞	.50	Unit Corp	12100	18⅞	18⅛	18¾	18¼
53½	43½	3	Unit Corp pf	500	48½	48⅛	48½	47¾
19⅞	2¼	..	Uni El Coal	300	4⅝	4⅛	4⅝	..
105	46½	4	Uni Fruit	1900	56	54⅝	55½	55
49⅝	24¼	1.20	Uni Gas Imp	1100	28½	28	28	28
104½	97	5	Uni G Imp pf	200	99⅝	99	99⅝	99½
32⅞	20⅛	2	Uni Piece Dye	200	25½	25¼	25½	..
4⅝	¾	..	US Express	100	1⅛	1⅛	1⅛	1⅛
32⅞	6⅞	..	US & For Sec	1700	8¼	8	8⅛	..
139⅝	50½	6¶	US Ind Alco	100	61	61	61	59½
38¼	18⅛	2	US Pipe&Fd	500	29	28¼	28	28
21	15⅝	1.20	US P&Fd pf	200	18¾	18¾	18¾	18¾
75½	25	3	US Realty	3400	31⅛	30¼	30¼	30⅛
35	11	..	US Rubber	500	12½	11⅞	12¼	12⅛
63⅞	19½	..	US Rub 1pf	1600	23¾	23	23¾	23⅝
53⅛	40	3.50	US Smelt pf	100	44	44	44	..
198¾	134⅝	7	US Steel	29000	141	138⅞	140⅞	139
151¼	140	7	US Steel pf	700	146⅝	146¼	146⅝	146¼
45	19¼	2b	Util P&Lt A	700	23¾	22⅝	23¾	23¼
			—V—					
7⅛	½	..	Vadsco	900	1¼	1⅛	1⅛	1⅛
143¼	44⅝	3	Vanadium	48300	48	46	47⅞	45⅞
8⅞	1⅝	..	Va-C-Chem	100	2⅝	2⅝	2⅝	2⅝
34¼	9	..	Va-C Ch 6%	300	12⅞	12½	12⅞	13
82⅝	67½	7	Va C Ch 7%	100	69	69	69	69
156	36¼	4	Vulcan	70	43⅞	42⅝	43⅞	43¼
			—W—					
67⅝	11¼	..	Wabash	900	23½	22	23⅛	22⅝
89¼	39	5	Wabash pf A	200	46	46	46	46¼
31⅝	21⅛	1.50	Waldorf	1400	23	22⅝	23	23
42⅝	10½	2	Walworth	100	13⅛	13⅛	13⅛	13
15⅝	3	..	Ward Bk B	100	4⅛	4⅛	4⅛	4½
77⅞	45	7	Ward Bk pf	100	51	51	51	..
80¼	9⅝	..	Warner Br A	24400	15⅞	14⅞	15⅝	15⅛
27	4⅛	..	Warner Quin	1100	4¼	4¼	4¼	4½
63⅛	26⅞	3	Warren Br	800	29⅝	28⅞	29⅛	29
29⅞	19⅝	2	Wesson O	100	21⅝	21⅝	21⅝	22
110	95	7	W Pen El A	100	102	102	102	101
104	90¼	6	W Pen El pf	10	96⅛	96⅛	96⅛	96⅛
112½	102	7	W Pen E 7%	10	104¼	104¼	104¼	105⅝
111½	103¼	6	W Pen P 6%	10	108⅞	108⅞	108⅞	107
118½	113½	7	W Pen P 7%	60	115	115	115	..
50	20	4	Wn Dairy A	200	26	25¼	26	..
24⅛	4⅛	..	Wn Dairy B	200	6	6	6	6
36	10	..	Wn Mid	1200	15½	14¼	15½	14⅛
30½	7⅛	..	Wn Pac	200	11½	11	11½	..
219⅝	122⅛	8	Wn Union	200	139⅝	139¾	139¾	136½
52	31⅛	2	Westg A B	200	33⅞	33⅞	33⅞	34⅛
201½	88⅛	5	Westg Elec	14400	86⅞	84⅛	86⅞	84⅛
197¾	107⅞	5	Westg El pf	60	106	105	105	105
21	⅞	..	Wextark Rad	200	1⅜	1⅛	1¼	1⅜
43	21⅝	2	White Mot	100	25	25	25	..
54⅞	32	4§	Whi Rock	700	42¾	42	42¾	42¼
13⅞	2⅛	..	Whi Sew M	100	3⅛	3⅛	3⅛	3⅛
11	3⅜	..	Willys-Over	400	5⅛	5	5	5
13	4⅝	..	Wilson A	100	8¼	8¼	8¼	8½
54⅝	35	3.50	Wilson pf	100	48⅞	48	48½	48
72⅞	51½	2.40	Woolworth	1500	56⅞	55⅞	56⅞	56¼
169	47	..	Wor Pump	4400	64	61¾	64	61
			—Y—					
77	25	3	Yale & T	100	28	28	28	..
32¾	8⅛	..	Yel Truck	1500	9¾	9⅝	9½	9⅝

*Ex-dividend. †Ex-rights. ‡Ex-stock dividend. §Exclusive of stock dividend. ¶Exclusive of extras. aPayable in stock. bPayable in cash or stock. cPayable in script. dPaid in 1930. eLast payment.

GOOD SALES GAIN BY MASSACHUSETTS INVESTORS TRUST

Slayton, Learoyd, Inc., general distributors, report that the Massachusetts Investors Trust closed the Dec. 31, 1930, year with a total of 493,523 shares outstanding in the hands of the public. This is an increase of 166,119 shares as compared with Dec. 31, 1929.

At the close of business Jan. 12, 1931, total outstanding shares had increased to 520,559, an increase of 186,160 over the amount outstanding on Jan. 12, 1930, and an increase of 27,036 shares since Dec. 31, 1930. Of this 27,036 share increase, all but 5060 shares (being the stock dividend of 1 per cent payable to stockholders of record Jan. 8) represents additional sales—21,976 shares—during the first 12 days of 1931.

In the nine business days to Jan. 12, 1931, investors purchased an average of over 2400 Massachusetts Investors Trust shares daily as compared with daily sales average of only 365 shares in the corresponding period a year ago.

Since its organization, Massachusetts Investors Trust has paid total dividends of $12.12 in cash and 4 per cent in stock.

SHARP DOWNTURNS IN CHICAGO WHEAT

CHICAGO, Jan. 16 (AP)—Sharp new downturns in wheat resulted today from selling by government-sponsored agencies. There was also stop-loss general selling, together with comment that Liverpool quotations were again lower.

Starting 1 cent down to ¼ cent up, Chicago wheat afterward dropped all around. Corn opened at ¼ cent decline to ⅛ advance, and subsequently underwent a general sag.

Opening prices were: Corn—March, old 68⅝c, new 68¼@⅝c; May, old 70⅛@⅝c, new 70⅝@⅞c; July 71¼@⅝c. Wheat—March, old 81⅝@⅝c; May, old 33c, new 85c; July, 67¼@⅝c. Oats—March, old 33½c; May, old 33⅞@34c, new 33⅞c; July, 33c.

Wheat closed unsettled ⅞c to 1⅜c down, corn ¼c to ⅝c off, oats at ⅛c decline to ⅛c advance, and provisions unchanged to 12c up.

CHICAGO BOARD

(Reported by Clark, Childs & Co., Boston)

	Open	High	Low	Close	NetChg
Wheat					
March	.81⅝	.81¾	.80	.80½	—1⅜
May	.83	.83⅛	.82	.82½	—1½
Corn					
March	.68⅝	.68⅝	.67⅞	.67¾	— ⅝
May	.70⅞	.70⅞	.69¼	.69⅞	— ⅝
Oats					
March	.33½	.33¾	.32⅞	.33¾	
May	.34	.34¼	.33⅛	.34⅛	
Lard					
March	8.62	8.62	8.62	8.62	
May	8.72	8.82	8.72	8.80	

Winnipeg Wheat

	High	Low	Last	Prev. Close
May	.57	.55⅝	.57	.56⅝
July	.58⅛	.56¾	.58	.57⅝
October	.59¼	.57⅞	.59⅛	.58¾

Kansas City Wheat

	High	Low	Last	Prev. Close
May	.75	.73¾	.73⅞	.75¼
July	.67⅞	.60⅛	.60⅞	.61⅞

DECEMBER NEWSPRINT OUTPUT

Production of newsprint by the United States and Canadian mills in December declined to 284,031 tons, or 62½ per cent of capacity, from production of 294,040 tons, or 67.7 per cent of capacity in November, and 342,591 tons, or 83.6 per cent in December, 1929, the News Print Service Bureau reports. Production by Canadian mills in December amounted to 184,755 tons, compared with 201,703 tons in November and 230,008 tons in December, 1929. United States mills produced 99,276 tons in December compared with 92,337 tons in November and 112,583 tons in December, 1929.

RECORD CRUDE RUBBER STOCKS

NEW YORK, Jan. 16—Stocks of crude rubber on hand in the United States Dec. 31 amounted to 203,221 long tons, the highest on record, against 189,925 on Nov. 30 and 105,137 Dec. 31, 1929, the Rubber Manufacturers' Association reports. Crude rubber afloat for United States ports was estimated at 56,035 tons as of Dec. 31, against 52,538 tons Nov. 30 and 62,388 tons Dec. 31, 1929. Consumption of crude rubber in December totaled 21,493 tons, against 23,479 in November and 23,531 in December, 1929. Consumption in 1930 totaled 372,628 tons, against 469,805 tons in 1929 and 441,338 in 1928.

WOMAN AS BANK DIRECTOR

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

MILLEDGEVILLE, Ga., Jan. 16—With the honor of being the first woman in this vicinity appointed to such a position, Mrs. May Allen Moore has been made a member of the board of directors of the Merchants & Farmers Bank, at a meeting held here of the stockholders.

FEDERAL LIGHT & TRACTION

Federal Light & Traction Company reports for 12 months ended Nov. 30 profit of $2,211,981 after taxes, charges and preferred dividends of subsidiaries, but before depreciation, compared with $2,046,929 in the preceding 12 months. November profit was $229,545 before depreciation, compared with $230,950 in November, 1929.

JOHN B. STETSON CO.

PHILADELPHIA, Jan. 16—John B. Stetson Co. reports for the year ended Oct. 31 net profit of $580,719 after depreciation charges and federal taxes, compared with $1,671,468 in the preceding year. Sales totaled $11,521,375, compared with $15,333,688.

NO BUDD MFG. DIVIDEND

PHILADELPHIA, Jan. 16—Directors of E. G. Budd Manufacturing Company decided to defer payment of the quarterly dividend of $1.75 on the cumulative preferred due Feb. 1.

OIL STOCKS, LTD.

Oil Stocks, Ltd., reports net profit for the year ended Dec. 31, 1930, of $162,643 after expenses and charges and after deduction of $119,295 net loss on securities sold, compared with net profit of $784,555, including profit on sale of securities, in 1929.

MARKETS AT A GLANCE

BY THE ASSOCIATED PRESS

NEW YORK

Stocks: Firm; pivotal shares respond to short covering.

Bonds: Mixed; legals maintain firm trend.

Curb: Irregular; Cities Service rallies.

Foreign Exchanges: Irregular; franc sags, sterling firm.

Cotton: Steady; local covering.

Sugar: Steady; Cuban support.

CHICAGO

Wheat: Easy; forecast beneficial rain Southwest.

Corn: Easy; large primary movement.

Cattle: Steady.

Hogs: Higher.

U. S. & INTERNATIONAL SECURITIES EARNS $3.59 SHARE ON PREFERRED

United States & International Securities Corporation, controlled by United States & Foreign Securities Corporation, for the year ended Dec. 31, 1930, shows net of $1,414,471 after expenses and reserve for contingencies, and after deducting $792,944 loss on securities sold, equivalent to $3.59 a share on 393,990 no-par shares of $5 first preferred, excluding 6011 shares held in treasury. Stock dividends have not been treated as income. Previous report for 14 months ended Dec. 31, 1929, showed net of $1,592,447.

Securities Dec. 31, were carried at cost of $42,176,464. Report says aggregate value of securities, based on available market quotations or estimated fair value was less than book value by $14,559,466, against an aggregate depreciation in value of securities Dec. 31, 1929, of $2,675,000.

Net assets Dec. 31, calculating marketable securities at market and all other securities at estimated fair value, were approximately $36,256,000, equal to $92.02 a share on the first preferred. Cash and demand loans totalled $8,016,127, compared with $2,672,434 Dec. 31, 1929.

FEDERAL RESERVE SYSTEM STATEMENT

WASHINGTON, Jan. 16—The combined statement of the 12 Federal Reserve banks compares as follows (000 omitted):

	Jan. 14 '31	Jan. 7 '31
Total gold reserves	$3,058,577	$2,993,516
Gold held ex agst F R nts	1,776,877	1,728,315
Total reserves	3,231,455	3,147,348
Sec by U S govt obliga.	86,750	115,501
Other bills discounted	156,590	176,884
Bills bot in open mkt.	196,180	265,456
Total bills on hand	439,520	557,841
Total U S govt sec.	644,317	658,901
F R notes in actual circ.	1,552,702	1,624,898
Member bank res acct.	2,463,596	2,443,859
Ratio of total res to depos and F R n liab comb	79.3%	76.3%

Ratio of total reserve to net deposit and Federal Reserve note liabilities combined for the 12 Federal Reserve Banks and the entire system as of Jan. 14 compares with previous week and a year ago as follows:

	Jan.14, 1931	Jan.7, 1931	Jan.15, 1930
Boston	79.8%	77.9%	85.4%
New York	82.0	78.8	71.6
Philadelphia	84.0	82.4	75.0
Cleveland	78.3	76.3	72.1
Richmond	72.4	73.7	69.1
Atlanta	81.6	78.5	73.1
Chicago	77.2	74.5	74.9
St. Louis	76.1	74.3	74.8
Minneapolis	68.6	66.2	78.8
Kansas City	66.0	61.8	83.9
Dallas	63.1	60.8	60.0
San Francisco	84.2	76.7	87.2
Total	79.3	76.3	75.4

The statement of New York Federal Reserve Bank compares as follows (000 omitted):

	Jan. 14, 1931	Jan. 7, 1931
Gld hld excl agst FR nts	$459,559	$434,638
Total gold reserve	1,122,898	1,066,643
Total reserves	1,173,435	1,111,862
Total bills discounted	51,161	69,492
Bills bght in open mkt.	50,934	70,723
Total U S Govt sec	233,891	238,041
Total bills and sec	338,686	381,106
Total resources	1,729,582	1,684,549
FR nts in actl circ	326,646	365,265
Member bk—res acct	1,087,445	1,027,871
Total deposits	1,105,182	1,045,459
Total liabilities	1,729,582	1,684,549

The statement of Federal Reserve Bank of Boston compares as follows (000 omitted):

	Jan.14,'31	Jan.7,'31
Total gold reserves	$203,912	$207,816
Gold held ex agst F R notes	141,307	141,343
Total reserves	216,326	218,889
Sec by U S govt obligations	3,483	4,381
Other bills discounted	7,595	7,222
Bills bought in open market	16,795	23,816
Total bills on hand	27,873	35,330
F R notes in actual circ	122,823	127,006
Member bank-reserve acct	144,977	151,334

BROCKWAY MOTOR TRUCK

The creditors' committee of Brockway Motor Truck Corporation has addressed a letter to creditors of the corporation requesting them to sign an agreement to refrain from acting on the debt over a three-year period subject to further extension if approved by a majority in amount of creditors. In return creditors will receive 6 per cent nonnegotiable notes for the face value of their accounts. The agreement also will provide for advances from banks totaling more than $500,000 to furnish working capital, enabling the corporation to continue its operations.

SUN OIL COMPANY

Net profit of Sun Oil Company of $7,745,484 for the year ended Dec. 31 after interest, depreciation depletion, federal taxes and deduction of $1,387,232 for inventory adjustment, is equal, after dividend requirements on the 6 per cent preferred, to $5.16 a share on the 1,409,247 shares of common, which were outstanding prior to the payment on Dec. 15 of a 5 per cent stock dividend. This compares with net profit of $8,342,491, or $5.60 a share on 1,417,393 common shares, in 1929.

OFFICIAL REFUTES EXAGGERATED TALK OF NEW FINANCING

The head of a prominent bond distributing organization says: "Every where talk is heard of the large amount of new financing this month. It is like terming two days' rain a flood after a six months' drouth. I have delved into the records and this is what I find:

"So far this month there has been about $225,000,000 corporation financing, compared with $348,000,000 in the first two weeks of 1930. For the entire month of January, 1930, corporation financing aggregated $575,000,000; January, 1929, $337,000,000; January 1928, $436,000,000; January, 1927, $501,000,000; January, 1926, $442,000,000.

"These figures are exclusive of municipal financing. In January a year ago municipal financing amounted to about $203,000,000; in other words, a total for that month of around $778,000,000. Therefore it appears that the comparative figures fail to support the prevalent idea that financing so far this month has been on a really large scale."

NEW YORK COTTON

(Reported by Clark, Childs & Co., Boston)

	Open	High	Low	Last Sale	Prev. Close
January	10.13	10.14	10.13	10.14	10.07
March	10.20	10.24	10.18	10.20	10.17
May	10.43	10.47	10.39	10.45	10.41
July	10.65	10.69	10.60	10.65	10.62
October	10.80	10.85	10.79	10.81	10.78
December	10.96	11.00	10.92	10.95	10.93

Spots 10.15, up 5 points. Tone at close steady.

New Orleans Cotton

	Open	High	Low	Last	Prev. Close
January	9.95	10.02	9.95	10.00	9.98
March	10.18	10.22	10.12	10.19	10.17
May	10.45	10.46	10.38	10.43	10.42
July	10.67	10.68	10.58	10.64	10.64
October	10.80	10.81	10.75	10.80	10.77
December	10.97	10.97	10.95	10.95	10.93

Tone at close quiet.

Chicago Cotton

	Open	High	Low	Last	Prev. Close
January	10.05	10.05	10.05	10.05	10.01b
March	10.28	10.29	10.25	10.27	10.26
May	10.55	10.56	10.48	10.53	10.50
July	10.78	10.76	10.70	10.73	10.73
October	10.90	10.90	10.86	10.88	10.85

b—Bid. Tone at close, quiet.

Liverpool Cotton

	Open	High	Low	Last	Prev. Close
January	5.25	5.28	5.25	5.26	5.25
March	5.30	5.33	5.30	5.31	5.33
May	5.40	5.42	5.40	5.41	5.40
July	5.50	5.52	5.49	5.51	5.50
October	5.60	5.62	5.59	5.60	5.59
December	5.66	5.68	5.66	5.68	....

Spots 5.41, up 2 points. Tone at close quiet. Sales 3000; (American) 1000.

COTTON FAIRLY STEADY

NEW YORK, Jan. 16 (AP)—A slight opening advance in cotton today, promoted by fairly steady Liverpool cables and increasing hope that a general lockout of weavers in Lancashire would be averted, was followed by a very quiet and sagging market. After selling up to 10.24 at the start, March contracts eased off to about 10.17 during the middle of the afternoon with active months ruling about net unchanged to 1 point higher.

BALDWIN LOCOMOTIVE WORKS

PHILADELPHIA—Combined shipments by Baldwin Locomotive Works and subsidiaries for the year ended Dec. 31, 1930, amounted to roundly $54,000,000, compared with $42,796,587 in 1929. Figures in both years cover consolidated operations of Baldwin Locomotive, Standard Steel Works, Southwark Foundry & Machine and Midvale Company. Combined orders on the books on Jan. 1, 1931, amounted to $6,200,000. Locomotive business continues quiet, although there are some inquiries in the market and more are looked for a little later on.

STERLING TOUCHES GOLD POINT

PARIS, Jan. 16 (AP)—Sterling again showed strength on the Paris Bourse today, reaching 123 francs 89 centimes, a level which has been mentioned by brokers as the future stabilized gold point likely to arise out of negotiations between the French and English treasuries and the Banks of France and England. Trading was dull and prices were heavy.

MARKET VALUE OF BONDS DOWN

NEW YORK—Market value of the bonds listed on the New York Stock Exchange Jan. 1, 1931, was $47,384,805,889, according to stock exchange figures, compared with $47,959,730,628 Dec. 1, 1930, a decrease of $574,924,739. The Jan. 1 aggregate comprised 1607 issues with par value of $50,072,879,897, compared with 1609 Dec. 1 with par value of $50,094,547,694.

NEW YORK CENTRAL

GARY, Ind., Jan. 16 (AP)—The New York Central Railroad is planning the construction of new yards here costing between $10,000,000 and $12,000,000. John Gavit, Hammond attorney for the road, has advised city officials. The work, he said, would be started by the end of the year.

SUN OIL COMPANY

Sun Oil Company reports for the year ended Dec. 31 profit of $9,132,716 after interest, depreciation, depletion, taxes, etc., but before inventory adjustment of $1,387,232. After inventory adjustment net was $7,745,484, compared with $8,342,491 in 1929.

LONDON QUOTATIONS

LONDON, Jan. 16 (AP)—Consols for money today were 57⅞. De Beers was 4, Rand Mines 2⅝. Bar silver was 13⅜d an ounce. Money was 1½ per cent. Discount rates on short bills and three months were 2⅛@2 3/16 per cent.

BANKERS' ACCEPTANCES OFF

NEW YORK, Jan. 16—Volume of bankers' acceptances outstanding on Dec. 31 was $1,555,966,301, a decline of $15,451,473 from Nov. 30, and compares with $1,732,436,368 outstanding on Dec. 31, 1929.

PETROLEUM CORP. OF AMERICA

NEW YORK, Jan. 16—The executive committee of the Petroleum Corporation of America is authorized to declare a dividend of 25 cents a share on reduction of capital becoming effective. It is anticipated this dividend will be declared in the near future.

CHICAGO STOCK EXCHANGE SEATS

CHICAGO, Jan. 16—Arrangements have been completed for sale of three memberships on Chicago Stock Exchange at prices from $15,000 to $18,000. The previous sale was $14,500.

6½% 5-year Guaranteed Income

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BOSTON STOCKS

Closing Prices

Sales	Stock	High	Low	Last Jan. 16	Last Jan. 15
50	Am & Cont	10	10	10	10
127	Am Found	5	4⅞	4⅞	4¾
40	Am Pneu	2½	2½	2½	..
1440	Am T&T	183⅛	179½	183⅛	180
10	Bos El	70	70	70	70
10	Bos El 1 pf	100	100	100	..
36	Bos & Alb	177	175⅛	176	175⅛
65	B&M A sta	62½	62	62½	..
15	B&M pr pf	102½	102	102½	102½
160	Bos Prop	18	18	18	18
20	Bro Durrell	2⅝	2⅝	2⅝	2⅛
185	Cop Range	7	7	7	7
55	East SS	22	20½	22	20
20	East SS 1pf	94	94	94	94
5	E Bos Land	2½	2½	2½	..
300	E Butte	1⅛	1⅛	1⅛	1¼
270	E G&Fuel	18⅞	18¼	18½	19
41	E G&F pf	93	92	93	93
15	E G&F pr pf	81	81	81	81
331	Edison Elec	249½	246	249½	249
100	First Nat S	45¼	45¼	45¼	..
90	Gen Capital	32	32	32	33
150	Hygrade	22	21	22	22
100	Jenk Tel	2¾	2¾	2¾	..
25	Loew's Thea	8⅝	8⅝	8⅝	..
120	Mass Util	4¼	4¼	4¼	4¼
237	Nash	31⅞	31	31⅞	31¼
29	NE Tel	138	137	138	136½
10	NA Avia	6⅛	6⅛	6⅛	6⅜
750	No Butte	1⅝	1½	1⅝	1⅝
9	Norw Worc	130	130	130	..
50	Old Colony	129⅞	129⅞	129⅞	130
250	Pac Mills	18⅞	18¼	18¼	..
150	Quincy Min	7⅞	7½	7⅛	7⅝
50	Reece But	15½	15	15	..
260	Shawmut	15	14¼	14½	15
132	Stone Web	43⅞	42⅝	43⅞	42⅝
45	Sull Mach	19	19	19	20
142	Swift & Co	28¾	28½	28¾	28
15	Torrington	43½	43¼	43½	43
115	Unt Found	8	7⅞	7⅞	8
325	Uni Shoe	56	55½	55½	56½
265	US&El Pow	5	4⅞	5	4⅞
550	Util Hyd	4⅝	4	4¼	4
50	Venez M	2	2	2	2
24	Westfield	21½	21⅛	21⅛	..
	BONDS				
$4000	Chi Jct 4s	93⅞	93⅞	93⅞	..
1000	KCM&B 5s	99⅝	99⅝	99⅝	..
6000	NE Tel 5s	101½	101⅛	101⅛	..
1000	PC Poc 7s	112	112	112	..

CHICAGO STOCKS

Sales	Stock	High	Low	Last Jan15	Last Jan16
50	Am Equities	5¼	5¼	5¼	5¾
400	Art Metal Wks	5	4¼	4½	4¾
60	Assoc T&T	67	65¼	67	66½
100	As Tel Util	22½	22	22½	22½
750	Butler Bros	6⅛	6	6	6⅝
450	Cet Pnub Serv A	17⅝	17	17	17
1300	Cent & S W Util	19⅛	18⅛	18¾	19
475	Common Edison	234	233	234	235
350	Consumers Co	3⅝	3⅛	3½	3
1500	Cont Chgo	7¼	6½	6⅝	7½
3500	Cord Corp	6⅞	6⅛	6⅝	6¼
850	El House Ut	24⅞	24¼	24⅝	24⅞
1400	Gleaner C Har	4⅝	4	4	4⅝
100	Grt Lakes Air	1⅜	1⅜	1⅜	..
100	Hormell & Co	28	27½	27½	26⅞
400	Inland Util	3½	3½	3½	3⅞
13600	Insull Ut Inv	34⅛	33¼	33¼	34¼
50	Kalamazoo Stove	31	31	31	32½
100	Kellogg Switch	4⅛	4⅛	4⅛	4¼
50	Keystone Steel	11	11	11	11½
550	Libby, McNeil	11	10¾	10¾	10⅞
200	Lion Oil	6⅛	6	6	6
150	Mer & Mfr A	18	18	18	18¾
20400	Mid Utilities	20¼	19⅝	19⅝	20⅝
450	Mid Ut pf	97	95	96½	97⅝
950	Mo-Kan Pipe	6½	6⅛	6⅛	6⅛
50	Nat Ed Pwr A	21½	21½	21½	23
150	Nat Sec Inv	4⅞	4⅝	4⅝	5
150	N A Lt & Pwr	62½	62½	62½	63⅛
50	Polymet Mfg	2⅝	2⅝	2⅝	3⅛
400	Seab Ut Shares	4	4	4	..
350	Swift & Co	28¾	28½	28½	29
350	Swift Int'l	35⅞	35⅝	35⅝	37
450	U S Gypsum	39	38⅛	38⅛	38⅜
200	U S Radio	15⅛	15	15	15½
200	Utah Radio	2⅝	2½	2⅝	2⅝
650	Util & Ind	6⅝	6⅛	6⅛	6⅛
100	Ut & Ind pf	17½	17⅛	17½	17⅝
100	Vortex Mfg A	25⅝	25⅛	25⅝	25⅝

Total sales 117,300.

RECORD OLDSMOBILE SALES

DETROIT, Jan. 16—Retail sales of the new 1931 Oldsmobile at the New York Auto Show broke all records of the last four years, even exceeding the figure established at the 1928 show, when the present F series was introduced for the first time, according to officials of the Olds Motor Works, a division of General Motors Corp. Three times as many cars were sold to visitors during the week of the 1931 show as were sold during the like period of 1930 show. Before the closing hour on the fourth day of the show sales had exceeded the previous year's mark.

MEXICAN DOLLAR AT NEW LOW

SHANGHAI, Jan. 16 (AP)—The Mexican dollar plunged to a new low level of 21.8 gold cents here today. Nationalist Government postal authorities said as a result of the persistent decline in silver they were considering a further advance in the international postal rates. These rates were increased 50 per cent last July as a result of the silver slump.

CATTLE MARKET HAS IRREGULAR PRICE TREND

Hogs Take Slump Late in Week—Series of Declines in Lambs

SPECIAL FROM MONITOR BUREAU

CHICAGO, Jan. 16—The fat-cattle market sagged late last week, and on the opening day this week at the Union Stock Yards here made a vigorous recovery on the two following days, then eased off again. The hog market went up the first two days of the week and slumped later, and lambs took a series of declines, according to a report by the bureau of agricultural economics, United States Department of Agriculture.

Broad shipping demand, along with a scarcity of strictly good and choice steers and yearlings, had a stimulating effect on good grades and to some extent on medium grades. Common offerings were in broad demand and in very light supply. Most grades are practically as high as they were the middle of last week, having recovered the intervening decline, and they are as high as at any time this season.

Yearling heifers were too plentiful and closed around 25 cents lower. Common and medium light heifers and heiferettes finished higher than a week ago, while fat cows closed steady to 25 cents lower and cutters about steady. Bulls took a 25-cent loss, and vealers remained close to steady.

Fed yearlings topped at $13.50, medium-weight beeves at $13.25, and heavies at $12.25. Extreme weights, 1667 pounds, made $11.40, and 1740 pound averages $10.75. The bulk of the short-fed steers and yearlings cashed at $8.50 to $11. Yearling heifers topped at $10.50, with the bulk at $8 to $9.50. Most fat cows sold at $4.50 to $6, and all cutters $3.25 to $4. Vealers topped at $11 late, and heavy sausage bulls at $5.40.

A widening in the price spread featured the hog market, lightweights closing 10 to 15 cents higher, due mainly to broad shipping demand, while weighty butchers finished 10 to 25 cents lower, the latter kind making up the bulk of the receipts. Sows held steady and pigs closed 10 to 15 cents higher. The late top was $8.25, with the bulk of the 130 to 180-pounders at $8.10 to $8.15; 190 to 220-pounders $7.80 to $8.10; 230 to 260-pounders $7.40 to $7.75; 270 to 300-pounders $7.20 to $7.35; pigs mostly $7.85 to $8.15; packing sows largely $6.35 to $6.65.

Fat lambs declined 25 to 50 cents, while yearlings remained unchanged, and ewes advanced 25 to 50 cents, closing on the soft side. Good-to-choice lambs bulked at $8 to $8.40, with a few choice at $8.50 to $8.60; most native bucks $7 to $7.40; throwouts largely $6 to $6.50, and the bulk of native ewes at $3.50 to $4.25.

DIVIDENDS

Sierra Pacific Electric Company declared the regular quarterly dividend of $1.50 on the preferred, payable Feb. 2 to stock of record Jan. 21.

D. Emil Klien Company declared the regular quarterly dividend of 25 cents on the common, payable April 1 to stock of record March 20.

Pierce Petroleum Corporation declared a dividend of 10 cents on the common, payable Feb. 16 to stock of record Jan. 31. Three months ago an initial 10-cent dividend was paid.

International Mercantile Marine declared a dividend of $1 on the no-par capital stock, payable Feb. 16 to stock of record Jan. 26. In 1930 the company paid $1 each on Feb. 15 and Aug. 15.

National Power & Light declared the regular quarterly dividend of 25 cents on the common, payable March 2 to stock of record Feb. 14.

The Commercial National Bank & Trust Company of New York declared an initial quarterly dividend of $2 a share, payable on Jan. 15, 1931.

Securities Corporation General declared the regular quarterly dividend of 10 cents on the common, payable Feb. 2 to stock of record Jan. 22.

Ludwig Baumann & Co. declared the regular quarterly dividend of $1.75 on the preferred, payable Feb. 15 to stock of record Feb. 1.

August Stern & Co. declared the regular dividend of 40 cents on the common.

Bunte Brothers declared a dividend of $1 on the common, payable Feb. 1 to stock of record Jan. 25. On Aug. 1, 1930, the company paid a dividend of 50 cents on the common.

Minneapolis Honeywell Regulator declared an extra dividend of 50 cents and the regular semiannual of $1.50 on the common, both payable Feb. 14 to stock of record Feb. 3. This is the usual extra dividend.

Petroleum Corporation of America declared a dividend of 25 cents, payable Jan. 31 to stock of record Jan. 26. The previous payment was on Sept. 30, 1930, amounting to 37½ cents quarterly.

Hamilton Bridge Company declared the regular quarterly dividends of 50 cents on the common, and $1.62½ on the preferred, payable Feb. 1, to stock of record Jan. 23.

TIRE PRICE REDUCTION

Goodyear Tire & Rubber Company, United States Rubber Company and Kelly-Springfield Tire Company have reduced tire prices in line with reductions announced by Firestone Tire & Rubber Company and B. F. Goodrich Company. Although individual price lists vary slightly, according to different lines of tires, reductions on first-grade passenger car tires by all leading companies range from 7½ to 11 per cent, while reductions on second-grade lines range from 6½ per cent to 12 per cent. Average reduction in prices of all lines of passenger car tires is approximately 9 per cent.

INVESTORS SYNDICATE

MINNEAPOLIS, Minn., Jan. 16—Resources of Investors Syndicate increased $6,603,777 in the year ended Dec. 31, 1930, and the total at the end of the year was $38,810,115, according to the certified statement of S. H. and Lee J. Wolfe, consulting actuaries of New York City. The increase in resources was practically 17 per cent over the total at the end of 1929. Capital, surplus and reserve increased approximately 29 per cent.

GASOLINE PRICE ADVANCE

PHILADELPHIA, Jan. 16 (AP)—The Atlantic Refining Company today advanced the tank wagon price of gasoline 1 cent throughout the New England states. The advance affects deliveries by tank wagon to large users and to individual gasoline dealers. The change does not affect Atlantic Refining Company service station prices. The gallon retail price of gasoline in New England varies according to transportation costs, the office here stated.

MAINE CENTRAL EARNINGS

Maine Central Railroad will show earnings for 1930 equal to approximately $8 a share on 120,071 shares of common stock outstanding, an exceptionally good showing in a year of generally poor railroad results. December proved to be a very good month from the standpoint of net, it is understood, showing a very comfortable surplus after charges.

BROKERS LOANS AT NEW LOW

WASHINGTON, Jan. 16—Loans on stocks and bonds to brokers and dealers by reporting Federal Reserve member banks in New York City during week ended Jan. 14 decreased $59,000,000 to $1,820,000,000, a new low record. This compares with $1,879,000,000 on Jan. 7, the previous low record, and with $3,365,000,000 on Jan. 15, 1930.

ALFRED DECKER & COHN, INC.

Alfred Decker & Cohn, Inc., reports for the year ended Oct. 31, net loss of $268,181 after charges and depreciation, compared with net the preceding year, of $302,934, or $2.63 a share on 100,000 no-par shares of common after dividends on 7 per cent preferred.

STANDARD GAS NOTES

H. M. Byllesby & Co., Inc.; Harris, Forbes & Co., Inc.; W. C. Langley & Co.; A. C. Allyn & Co., Inc., and J. Henry Schroder Banking Corporation are offering today at 100 and interest a new issue of $10,000,000 Standard Gas and Electric Company 6 per cent convertible gold notes, due Oct. 1, 1935.

New York Bond Market

(Quotations to 2:30 p. m.)

	High	Low
Ab Straus 5½s '43	95½	95
Alleghany 5s '49	81½	81½
Allis Chalmers deb 5s '37	101¼	101¼
Am Chain deb 6s '33	99¾	99¾
Am For Pow 5s	80	80
Am I G Chem 5½s ct '49	99¾	99¾
Am Inter 5½s cv '49	90	90
Am Smelting 5s '47	103¾	103¼
Am T&T 4½s cv '39	125	125
Am T&T col 5s '46	106⅛	106⅛
Am T&T 5s '65	106½	106½
Am T&T sf 5s '60	106⅛	106⅛
Anglo-Chile 7s '45	65¾	65
Armour & Co 4½s '39	88¾	88
Armour & Co 5½s '43	74½	73¼
Atch T&SF gen 4s '95	96½	96¼
Atch T&SF 4½s	116½	116
Atch T&SF Rky Mt 4s '65	96	96
Atl Refining deb 5s '37	102¼	102
B&O 4½s '33	100⅝	100⅜
B&O 4½s cv	96	96
B&O rfg 5s '95	102⅞	102⅞
B&O rfg 6s '95	109¼	109¼
B&O 5s ct Swn div	104½	104½
Beth Steel pur mon 5s '36	102¼	102
Beth Steel rfg 5s '42	104	104
Boston & Me 5s '55	100	100
Boston & Me 5s '67	100⅝	100½
Bow Biltmore s f g 7s '34	98½	98½
Bklyn-Man Tr sf 6s '68	99¾	99¾
Bklyn Un El 1st	86⅜	86⅜
Buff R & P 4½s '57	90	90
Cal Pack 5s	98⅜	98⅜
Can Nat Ry gen 4½s '54	99½	99½
Can Nat Ry 4½s '57	99⅞	99¼
Can Nat Ry 4½s '68	99¼	99¼
Can Nat 4½s	102	101¾
Can Nat Ry 5s July	104⅜	104⅜
Can Nat 5s '70	105	105
Can North sf 7s '40	110½	110½
Can Pacific deb 4s	88	87½
Can Pacific 4½s '46	100⅝	100⅝
Can Pacific 5s '44 ct	103¾	103⅝
Can Pacific 5s '54	103¾	102¾
Can Pacific 4½s '60	99¼	99
Carolina Clin & O 6s '52	107⅜	107⅜
Ches & O RA 1st 4s '89	96	95
Chi & Alton rfg 3s '49 ct	70	70
Chi & Erie 1st 5s '82	46½	46
Chi M&StP 4½s rcts E '89	93½	93½
Chi MSP&Pac adj 2000	30¾	30
Chi MStP&Pac 5s '75	71⅛	71
Chi & Nw 4¾s '87	90	90
Chi Railway 5s	69¼	69
Chi RI&P 4½s A	93½	93¼
Chi Un Sta 4½s A '63	103⅛	103⅛
Chi & W Indiana 5½s '62	104	104
Childs 5s	80¼	80⅛
Cin T 4½s	104	104
Clev CC&StL deb 4½s '31	100½	100½
Clev Un Term 5½s '72	109	109
Colo Fuel & Iron 5s '43	98⅛	98⅛
Colo Industrial 5s '34	94	94
Colonial 6s	60⅛	60
Columbia Gas & E 5s '52 Aprr	99	99
Columbia Gas & E 5s '52 May	98⅝	98⅝
Com As Baraqua 7½s '37	47½	47½
Com Inv Trust 5½s '49	93⅝	93⅝
Con Gas 5½s '45	105⅛	105
Container Corp 5s ct '43	62½	62½
Crown Zel 6s ww	84½	84½
Cuban-Am Sug col 8s '31	99	98⅝
Cumberland T&T 5s '37	103⅝	103¼
Del & Hudson rfg 4s '43	96½	96½
Det Gas & Elec 5s '51	101½	101¼
Den & Rio G con 4s '36	86⅝	86⅝
Den & Rio G Wn 5s '55	78¾	78⅝
Detroit Ed col 5s '33	102⅛	102⅛
Detroit Ed rfg 5s '40	105⅜	105⅜
Duquesne P&L 4½s '67	104¼	104¼
Erie cv 4s D '53	73	73
Erie 5s '67	81	81
Erie gen lien	75½	75½
Erie gen '[illegible]	80½	80
Fed Lt & Trac 1st 6s '42	101¼	101
Fla East Coast 5s '74	28	28
Gal Hous & Hend 5s '33	99½	99½
Gannett 6s '43	78	78
Gal Hous & S F 1st	100⅛	100⅛
Gen Baking 5½s	96½	96½
Gen Mot Acc Corp 6s '37	103⅛	103
Gen Pet 5s '40	102⅛	102½
Gen Theater 6s	64	62
Goodrich 6s	71	71
Goodyear 5s '57	88⅞	88⅞
Grand Tk Ry Can 6s '36	106	105
Great Northern 4½s '76 D	99½	99½
Great Northern 4½s '77 E	98⅞	98⅞
Great Northern 7s '36 A	110¼	110
Houston Belt 5s	[illegible]	[illegible]
Hudson & Man adj in 5s '57	77⅜	77⅛
Humble Oil 5½s '32	102⅛	102⅛
Ill Bell Tel rfg 5s '56	106¼	106¼
Ill Cen rfg 4s '55	92	92
Ill Cen 4¾s '66	96¾	96¾
Inland Steel 4½s '78	94⅛	94⅛
Inter Match Corp 5s rcts '47	83	82½
Inter Rap Tran 5s sta '66	68½	68½
Int Cement Corp 5s '48	96	95¾
Int Mer Mar col 6s '41	85	85
Int Paper 6s '55	87	86½
Int Rys Cen Am 5s '41	72	72½
Int Tel & Tel 4½s cv '39	86¾	86¾
Kendall 5½s ww	80	80
Keith 6s '46	76	76
Kentucky Cen 4s '87	94⅝	94⅝
Kentucky End Ry 4s	81	81
Keystone Tel 1st 5s '35	82	82
Kings Co El 4s '49	81	81
Kresge Foundation 6s '36	102½	102½
Lake Shore & MS deb 4s '31	100⅜	100⅜
L'Autaro 6s '54	52	52
Lehigh Val con 4½s 2003	98⅛	98⅛
Loew's Inc 6s '41	101½	100¼
Loew's Inc 6s '41 ex-war	97½	97½
Long Island gen 4s '38	95	95
L&N uni 4s '40	99	99
Meade 6s ww	89½	89½
McCormick (Edith R) 6s '34	101¼	101¼
McCrory 5½s '41	94⅝	94⅝
Midvale Steel col 5s '36	101¾	101
Min StP & SSM 5½s '78	98	98
Min StP & SSM 6s '46	83	83
Mo Pac gen 4s '75	71½	71
Mo Pac 5s G '78	97⅝	97⅝
Montana Power rfg 5s '43	104¼	104¼
Morris & Co 1st 4½s '39	80	80
Nat Dairy Prod 5¼s '48	100½	100¼
Nat Rad 6½s '47	11½	11½
N E T&T 5s '52	109	109
NYC&HR con 4s '98	97	97
NYC&HR deb 4s '34	101½	100¼
NYC&HR rfg & im 5s 2013	107	107
NY Chi & StL 4½s '78	90	89⅞
NY Chi & StL 5½s '74	106⅛	106⅛
NY NH&H nc deb 3½s '54	76	76
NY NH&H 4½s '67	93½	93
NY Ont & W rfg 4s '92	44½	44½
NY Steam Corp 5s	102	102
NY Tel rfg 6s '41	107	106⅝
NY Trap Rock 6s '46	95	95
Nor Am Ed 5s A '57	102½	102½
Nor Am Ed 5½s '63	103⅛	103⅛
Nor Pac pr ln 4s '97	96	96
Nor Pac 5s D 2047	104	104
Nor States Pow 5s A '41	103¾	103¾
Nor States Pow 6s B '41	106	105¾
Ohio Pub Ser 7s B '47	111	111
Ont Svc 5½s	92⅝	92½
Ore Ry & Nav con 4s '46	95½	95½
Ore Wash RR & N 4s '61	94¾	94½
Otis Steel 6s '41	97½	96
Pac Gas & Elec 5s '42	103	102¾
Pac Tel & Tel 1st 5s '37	104½	104½
Pan-Am Pet & T 6s '34	102¼	101½
Para Publix 5½s	87¼	87¼
Paramount Bwy 5½s '51	102½	102½
Paramount Fam Las 6s '47	95½	95½
Parmelee Trans 6s '44	36	36
Pathe Ex-inc 7s '37	55	53
Penn Dixie C-C 6s '41	70½	70½
Penn RR 4½s D	97¾	97⅝
Penn RR 4¾s '63	100¾	100¾
Penn RR gen 4½s '65	102¾	102¾
Penn RR 5s '64	104⅜	104¾
Penn RR gold 6½s '36	109¼	109⅛
Peoples Gas L&C (Chi) 6s '43	115	115
Pere Marquette 5s '56	105¼	104⅝
Pere Marquette 4½s	100½	100¼
Phillips Pet 5¼s '39	87	87
Phil Co 5s '67	99¾	99½
Phil & Read C&I 5s '73	83	82
Phil & Read C&I 6s '49	80	79
Philippine Ry 4s '37	25	25
Pillsbury Flour M 6s '43	104	104
Pitts & W Va 4½s C	94½	94½
Pitts CC&StL 4½s '77	101¼	101
Postal Tel & Cable 5s '53	70	69
Pub Svc E&G 4½s '67	103	103
Pub Svc E&G 1970	103	103
Pure Oil 5½s '37	93¼	93⅛
Pure Oil 5½s '40	92	91
Read rfg 4½s '97 A	102	101½
Read rfg 4½s B	102	101⅞
Remington Arms sf 6s '37	95	94
Remington Rand 5½s '47 ww	89¼	89¼
Richfield Oil 6s	50	43½
Rep I&S sf 5s '40	100¼	100¼
Rochester Gas 7s '46	107	107
Rock I & Ar&Lou 4½s '34	100	100
StL IM&S gen 5s '31	100¼	100¼
StL & SF 4s A '50	88½	88¼
StL & SF 4½s '78	81⅛	80¾
StL & SF 5s B '50	101¼	101¼
StL SW con 4s '32	100	100
StP & KCSL 4½s '41	96½	96⅛
StP M&M 4½s	100⅞	100⅞
StP M&M 4s Ext	97½	97½
San Ant & Ar P 1st 4s '43	94⅝	94⅝
Seabd AL con 6s '45	18½	18
Shell Pipe 5s '52	91	91
Shell Union 5s '47	86¼	86
Shell Union 5s ct ww	88¾	88½
Silesian Am Corp 7s '41	62¼	62¼
Sinclair Cn O col 7s '37	100⅛	99¾
Sinclair Cru O 5½s '38	101⅜	101⅜
Sinclair Pipe L sf 5s '42	99⅞	99⅞
Skelly Oil 5½s '39	81	81
Solvay 5s	96¼	96¼
So Colo Pow 6s '47	103	103
So Pac col 4s '49	95½	95
So Pacific rfg 4s '55	97	97
So Pacifiv 4½s '68	98	98
So Pacific 4½s '69 ww	98⅞	98⅝
So Pacific col 5s '44	103	103
So Pacific SF Ter 4s '50	96¼	96
So Pacific Oregon A 4½s '77	101¼	100¾
So Ry gen 4s '56	86⅝	86½
So Ry con 5s '94	110	109⅝
So Ry gen 6½s '56	115⅝	115⅝
So'west Bell Tel rfg 5s '54	106	106
So Bell Tel 5s	104⅝	104⅝
Stand Oil NJ 5s '46	104¼	104¼
Stand Oil NY 4½s '51	99⅞	99½
Sug Estat Oriente 7s '42	18	18
Tenn Elec Power 6s '47	106½	106¼
Ter RR Asso StL rfg 4s '53	93	93
Texarkana 1st 5½s '50	104	104
Texas Corp 5s '44	98½	98¼
Tex & Pac 5s C '79	98⅛	98
Tex & Pac 5s D wi '80	98½	98¼
Third Ave rfg 4s '60	49	48⅛
Trumbell Steel 6s '40	94½	94
Union Pacific 1st 4s '47	99¼	99
Union Pacific 4s '68	93¼	93
Union Pacific rfg 4s 2008	97	96½
Union Pacific 4½s '67	101	101
US Rubber 5s '47	73½	73½
Utah Lt & Trac 5s '44	94¾	94¾
Utah Pow & Lt 5s '44	100¾	100¾
Util Pow & Lt 5s ww	71¾	70¾
Util Pow & Lt 5½s '47	79¼	79
Vertientes Sugar 7s '42	43	43
Va Ry & Power 5s '34	106	106
Wabash 4½s '78	87½	87½
Wabash 1st 5s '39	104	103⅞
Wabash 2d 5s '39	103½	103½
Wabash 5½s '75	100⅝	100⅝
Walworth 6s '45	75	75
Warner 6s ww	86	86
Warner Sugar rfg 7s '39	17½	17½
Warner Bros Pict 6s	70½	69½
West Shore 4s 2361	91½	91½
Western Electric 5s '44	104⅝	104⅝
Western Maryland 4s '52	83¾	83¾
Western Maryland 5½s '77	94¾	94¼
Western Un R E 4½s '50	100¾	100⅝
Western Un col 5s '38	103½	103½
Western Un 6½s '36	108	108
Western Un 5s '60	102½	101¾
Wheeling Steel 4½s B '53	90½	90½
White Eagle Oil 5½s '37 ww	102¼	102⅛
Wilson & Co 1st 6s '41	100⅝	100⅝
Wis Cen 4s S&D div '36	88	88
Youngstown Sheet 5s	103	102⅝

LIBERTY BONDS

	Open	High	Low	—Last— Jan16	Jan15
3½s '47	102.00	102.00	102.00	102.00	102.00
1st 3½s '47	103.1	103.5	103.1	103.5	103.1
4th 4¼s '38	103.30	104.00	103.30	104.00	103.30
US 4¾s '43	102.25	102.25	102.25	102.25	102.25
US 3¾s '47	103.6	103.6	103.6	103.6	103.3
US 3⅜s '56	106.30	106.30	106.30	106.30	
US 4¼s '52	113.4	113.4	113.3	113.3	113.3

Quoted in thirty-seconds of a point. For example, read 102.8 as 102 8-32.

FOREIGN BONDS

	High	Low
Antioquia 1st 7s '57	80¼	80¼
Antioquia 7s A '45	81¼	81¼
Antwerp 5s '58	99¾	99¾
Argentine Gov 6s May '60	90½	90¼
Argentine Gov 6s Sept '60	90½	90¼
Argentine Gov 6s Oct '60	90½	90¼
Argentine Gov 6s May '61	90½	90¼
Argentin Gov 6s '57 A	90¼	89⅞
Argentine Gov 6s '58 B	90	89⅞
Australia 4½s '57	63	62½
Australia 5s '55	70	68⅞
Australia 5s '57	70	68
Austria 7s ctfs	93	92¾
Austria (Gov) 7s '43	105½	105½
Batavian Pet 4½s '42	94⅝	94⅝
Belgium (King) 6s '55	103⅛	103⅛
Belgium (King) 7s '55	111¼	111⅛
Belgium (King) 7s '56	108¼	108
Bergen (City) 5s '49 rcts	96	95¾
Berlin 6½s '50	72½	72½
Berlin Elec 6½s '51	71⅜	69⅞
Berlin Elev (City) 6½s '51	71⅜	71¼
Berlin Elec 6s	64¼	64¼
Bolivia 7s '69	36	35
Bolivia (Rep) 7s '58	37½	37½
Bolivia (Rep) 8s '47	50	50
Bordeaux (City) 6s '34	104⅛	104¼
Brazil 6½s '26-'57	66⅛	66
Brazil (US) 8s '41	86	85½
Breda (Ernesto) 7s '54 ww	63½	63½
Bremen 7s '35	93½	93½
Brisbane 5s rcts	83¾	83¾
Budapest (City) 6s '62	67¾	67½
Buenos Aires 6s '61	65¾	65
Bulgaria 7s '67	69	68¾
Caldas (Rep) 7½s '46	63⅞	63⅞
Canada (Dom) 4½s '36	101½	101½
Canada (Dom) 5s '31	100¾	100⅝
Canad (Dom) 5s '52	103½	103⅜
Chile (Bank) 6s '61	78½	78
Chile (Bank) 6½s '61	82	82
Chile (Bank) 6s '62	78¾	78½
Chile (Rep) 6s '60	79	78
Chile (Rep) 6s Jan '61	78½	78
Chile (Rep) 6s '61 Sept	79½	79
Chile (Rep) 6s '62	79	78
Chile (Rep) 7s '42	78	78
Chile (Rep) 7s '63	78	77½
China (Gov) Hu-K Ry 5s '51	27½	27½
Colombia (Rep) 6s '61 Jan	62	62
Colombia (Rep) 6s '61 Oct	62	62
Colombia Agr Bk 6s '47	60	60
Copenhagen (City) 4½s '53	94½	94½
Copenhagen (City) 5s '52	97	97
Costa Rica (Rep) 7s '51	78	78
Cuba (Rep) 5s ('04) '44	90	90
Cuba (Rep) 5½s '53	80½	79¾
Cundi (Rep) 6½s '59	53½	53½
Denmark (King) 4½s '62	94¾	94¾
Denmark (King) 5½s '55	101	100⅞
Denmark (King) 6s '42	105½	105
Dutsche Bk 6s ctfs '32	97¾	97½
Duke Power 6s '66	103½	103½
Dutch EI sf 6s '62	101⅝	101⅝
Finlan (Rep) 6½s '56	80	80
Finland (Rep) 7s '50	95½	95⅜
Framerican Dev 7½s '42	105	105
French (Rep) 7s '49	120¾	120½
French (Rep) 7½s '41	120⅝	120⅜
Gelsenkirchen Min 6s '34	80	80
German 7s '49	101½	101¼
Germ Cen Ag Bk 6s '38	71	71
Germ Cen Ag Bk 6s July '60	71¾	71½
Germ Cen Ag Bk 6s Oct '60	72½	72
Germ Cen Ag Bk 7s '50	78½	78
Germ Cen Agr 6½s '58 rcts	76	75
Germ Gen Elec 6½s '40	70	70
Germ Gov Int 5½s '65	72¾	72½
Graz 8s '54	94	94
Greek 6s '68	88¾	88¾
Greek 7s '64	101	101
Haiti (Rep) 6s '52	94¾	94¾
Hansa 6s ww	75¼	75¼
Harpen 6s '49 ww	78	78
Helsingfors 6½s	81¼	81¼
Hungary (King) 7½s '44	100⅛	100½
Hungary Mun 7s '46	75	74¾
Hungary Mun 7½s '45	81¼	81¼
Iseder Steel 6s '48	74¼	74¼
Irish Free State 5s '60	102¾	102⅝
Italian Credit Con 7s B '47	92	91½
Italian Pub Util 7s '52	87	84½
Italy (King) 7s '51	96	95½
Jap (Con Pwr) 6½s '50	86⅞	86⅝
Jap (Con Pwr) 7s '44	96⅞	96⅞
Jap (Im Gov) 6½s '54	104⅜	104
Jap (Im Gov) 5½s	93⅛	93
Jugoslavia Bk 7s '37	79	78½
Karstadt 6s '43	62½	61½
Kreuger & Toll 5s '59	90	89⅞
Lombard El 7s '52 ww	83½	83½
Lombard El 7s '52 xw	83½	83½
Lyons (City) 6s '34	104½	104¼
Marseilles (City) 6s '34	104⅝	104¼
Medellin 6½s '54	47¾	47¾
Miag Mill Mch 7s '56 xw	64	64
Milan (City) 6½s '52	84	84
Minas Geraes 6½s '59	57	56
Montevideo (City) 7s '52	78	78
Nord Rys 6½s '50	106¼	106
North German Lloyd 6s '47	85¼	84½
Norway Bk '70	100½	100½
Norway Bank 5s '67	100⅝	100⅝
Norway (King) 5s '63	101¼	101¼
Norway (King) 5½s '65	102¾	102¾
Norway (King) 6s '43	105	104⅝
Norway (King) 6s '44	105¼	105
Norway (King) 6s '52	101⅞	101¾
Norwegian El 5½s '57	98	98
Oriental Dev 5½s '58	91	90¼
Oriental Dev Ltd 6s '53	96½	96½
Oslo (City) 5½s '46	100	100
Oslo (City) 6s '55	102	102
[illegible] G&E 5s '63	96¼	96
Paris-Lyons-Med 6s '58	104⅝	104⅝
Paris-Lyons-Med int ctf 7s '58	106⅝	106⅝
Paris-Lyons 5½s '68	103⅝	103⅝
Pernambuco (State) 7s '47	59¾	58⅞
Peru 6s '60	40	39⅞
Peru 6s '61	39	38¾
Poland 6s '40	65¾	65
Poland 7s '47	77	76½
Poland 8s '50	84	83½
Prague (City) 7½s '52	105	104¾
Prussia 6½s	74⅛	73½
Queensland (State) 7s '41	97	97
Rhine Main 7s '50	72	72
Rhine Westphalia 6s '52	80⅞	80½
Rhine Westphalia 7s '50	91¾	91⅝
Rhine Westphalia 7s ww	76	74½
Rhinelbe 7s '46	85	85
Rio de Janeiro (City) 6½s '53	50	49½
Rio de Janeiro (City) 8s '46	75⅝	75
Rio G do Sul (State) 6s '68	49	47¼
Rio G do Sul (State) 7s '66	59⅝	59⅛
Rio G do Sul (State) 8s '46	78	76
Rome (City) 6½s '52	84⅝	83⅝
Rotterdam (City) 6s '64	104	103⅞
Royal Dutch 4s ww	90⅝	90
Saarenbrucken (City) 6s '53	86	86
Salvador (Rep) 8s '48	100	100
Sao Paulo (State) 8s '36	88½	88½
Sao Paulo (State) 8s '50	79	78⅝
Saxon Pub Wks 6½s '51	75	75
Saxon Pub Wks 7s '45	81⅝	79⅝
Seine (Dept) 7s '42	107	107
Serbs Cro & Slov 7s '62	79	79
Serbs Cro & Slov 8s '62	91½	91½
Shinyetsu El Pw 6½s '52	88	88
Siemens 7s '35	96⅜	96⅜
Silesia Bk 6s '47	65	65
Silesia (Prov) 7s '58	60	60
Soissons (City) 6s '36	104½	104½
Styria (Prov) 7s '46	90½	90½
Sweden (King) 5½s '54	106½	106⅝
Toho El Pow 6s '32	99	99
Toho El Pow 7s '55	96	95½
Tokyo (City) 5½s '61	91½	91½
Tokyo El Lt 6s '53	88	87½
U K Gt Br & I 5½s '37	105¼	105⅛
U S S Copenhagen 6s '37	101⅝	101¼
Uni Stl W 6½s A '51	72	71½
Uruguay (Rep) 6s '60	82½	81
Vienna 6s '52	84½	84½
Warsaw 7s '58	61	57
Westphalia El 6s '53	69	68⅝
Württemberg 7s '56	82	82
Yokohama (City) 6s '61	96	95⅝

COMMODITY PRICES

SPECIAL FROM MONITOR BUREAU

NEW YORK, Jan. 16—Following are commodity prices quoted on the floor of the New York Produce Exchange and comparisons with last week and a year ago:

	Today	Week Ago	Year Ago
Wheat 2 red	0.95⅝	0.95⅝	1.38⅛
Corn 2 yel	.85½	.86	1.03
Oats 3 white	.43	.43	.56½
Flour	4.65	4.65	6.50
Beef, family	19.00	19.00	29.00
Pork	28.50	28.50	28.50
Lard	.0920	.0950	.1090
Cotton, mid-up	.1010	.1030	.1740
Zinc	.0400	.0405	.5355
Iron	17.76	17.76	22.26
Steel bil Pitt	30.00	30.00	34.00
Copper	.10	.10	.18
Tin	.2510	.2625	.3875
Rubber	.0850	.0837½	.1490
Sugar	.0470	.0470	.0530
Lead	.0475	.0475	.0625
Print cloth	.0412½	.0412½	.0635

A WINDOW in WALL STREET

Facing the Figures

THE weakness in the New York stock market the last few days is attributed in part to the appearance of poor earnings statements for 1930. Many unfavorable showings were expected, of course, and many traders believed such reports already had been discounted. Face to face with the figures, however, the market's stiff upper lip showed a tendency to quiver. It had made the resolution to remember in 1931 that 1930 earnings statements would reflect only what belonged to the past, and that the future held better things. But the resolution seems for the moment to have fallen, and stock prices with it.

Tides and Tidings of Gold

King Midas' position seems to have its modern counterpart in that of the Bank of France. The rate at which gold has been flowing into that bank has attracted the attention of the world. Many opinions as to the causes of the flow of the precious metal to France have been offered. But even authoritative opinions are not in agreement. Gold holdings of the Bank of England dropped sharply in the last week, while the French holdings continued to rise. But France appears by no means unaware of the importance of proper distribution of gold throughout the world. Jacques Bizot and M. Rueff, representing the Bank of France and the French Finance Ministry, have gone to London for conferences with British representatives, and the subject will be world gold distribution.

Bears on the Beach

Bears are hibernating in Florida, especially the big bears. A substantial amount of recent short selling of stocks in the New York market has been ordered by wire from that land of tropic delight. And there are bears in Wall Street, as ever. For a while they were almost forgotten. But if ticker tape figures always tell the facts, as figures are supposed to, he who reads may run (to his brokers' office) and strengthen that margin account. Short selling of the important type has been noted in several of the leading issues, but big "shorts" are said to be in the minority in Wall Street.

And Still They Fall

"Get out of debt," a prominent economist was advising his clients some time before the stock market crash of 1929. Those who didn't follow his advice before the break seem to have been following it ever since. Witness the drastic reduction of brokers' loans. And witness the fifteenth drop in these loans since Sept. 24—a decline of $59,000,000 for the last week. The total of these loans now stands at $1,820,000,000, the smallest since December, 1924. With apologies to the Believe-It-Or-Not experts, we wish to declare that these loans once upon a time totaled $6,804,000,000.

C. W. M.

GRADUAL RETURN TO NORMALCY THE WORLD OVER, SAYS EDITOR

ST. PETERSBURG, Fla., Jan. 16 (AP)—Marc C. Rose of New York, editor of Business Week, today said the bottom of the business reaction has been reached, the tide has turned, and the year 1931 will mark the beginning of a gradual return to normalcy the world over.

At the midwinter meeting of the National Association of Real Estate Boards, Mr. Rose spoke optimistically of the future, but warned "the greatest factor in recovery will be the initiative, the courage, the ingenuity of the American business man."

"Business will improve during the first quarter," Mr. Rose predicted. "The start, judged by past cycles, will be slow—although there is a chance it may surprise us.

"March, April, May should show an upturn plain to everyone. We shall have a summer letdown which may discourage the faint-hearted.

"Business should turn upward again in the fall. The fall peak should be higher than the spring peak. Business will taper off at the year-end.

"We are at the bottom of a world-wide business depression which, measured by many of the statistical yardsticks commonly relied upon, is the worst ever known. But measured in terms of human hardship and suffering, it is far from the worst ever known. This is due in part to the fact that the American people were, I believe, in better shape to withstand a siege from the wolf at the door than in some previous depressions.

"Second, I think it is due to a much more enlightened policy on the part of employers.

"It was the wrecking of the exceedingly complex and delicate credit machine that plunged us off the rails. Periods of depression are preceded by periods of wild speculation. This time it was Wall Street," he said.

PEOPLES GAS LIGHT TO INCREASE STOCK

CHICAGO, Jan. 16—Stockholders of Peoples Gas Light & Coke Co. at the annual meeting, Feb. 24, will be asked to vote on increasing the authorized capital stock to $100,000,000 from $75,000,000.

Of the present authorized stock, $62,540,000 was outstanding on Dec. 31, 1930, and an additional $6,254,000 was subject to subscription on basis of warrants issued prior to that date making a total of stock to be outstanding $68,794,000.

Purpose is to provide for issuance of stock subscription rights by the company as and when its business may necessitate additional capital investment.

Stockholders also will be asked to reserve 10,000 shares of stock for sale to employees of the company and its subsidiaries.

STATE OF ARKANSAS NOTES

A feature of the bond offerings today is a six months' municipal note $15,000,000 State of Arkansas 4¾s Highway Notes, due July 15, 1931. The notes are being offered by a group headed by Halsey, Stuart & Co. at a price to yield 3.50 per cent.

WEEK'S BANK CLEARINGS

NEW YORK, Jan. 16 (AP)—Bradstreet's weekly compilation of bank clearings shows an aggregate of $4,357,565,000, a decrease of 24.4 per cent from a year ago. Outside of New York there was a decrease of 24.3 per cent.

RHODESIAN-ANGLO-AMERICAN

LONDON, Jan. 16—Shareholders of Rhodesian-Anglo-American Corporation approved increase in authorized capital to £6,500,000 by creation of 2,000,000 shares of 10s. par.

EARNINGS GAIN EXPECTED FOR BISCUIT MAKER

National's 1930 Net Estimated to Exceed Record Set in 1929

For the final quarter of 1930, National Biscuit is expected to return net income close to $6,100,000 or after preferred dividends, slightly more than 90 cents a share on 6,206,755 common shares.

While these earnings would be below the quarterly record of $6,732,017, or $1.02 a share, reported for the third quarter, they would comfortably exceed net income for the final three months of 1929. In that period, the company earned $5,449,132, equal to 84 cents a share on 6,000,000 common shares. The 1930 earnings are expected to easily establish a new peak for the fourth quarter.

Record profits in the third and fourth quarters have nullified the slight dip in returns for the first six months. Net income for the year is estimated to be between $22,850,000 and $23,000,000, with per-share return $3.40 to $3.45, a new high mark in the steady growth of biscuit earnings. This compares with $21,422,357, or $3.28 a share on 5,996,173 common shares in 1929, the previous record.

The company realized this earnings gain in a year of general business recession. Production economies, increased returns from consolidations of one and two years previous, and favorable prices for raw materials have contributed to the gain. The greater part of savings in wheat and sugar, moreover, has been passed along to consumers.

Cash Position Better

The absence of large outlay for plant improvement during 1930 has strengthened the cash position of the company as compared with the end of 1929. During the last year, Biscuit continued its expansion policy of exchanging its stock for the assets of other bakers. These include Bishop & Co., Pacific Coast Biscuit Company, T. A. Huston & Co. and Wheatsworth, Inc.

This method of growth likewise places no drain on cash. Cash account as of Sept. 30 stood at $11,917,347, compared with $10,218,821 on Dec. 31, 1929. Total current assets of $50,052,613, compared with current liabilities of $5,849,756.

In acquisition of Wheatsworth, Inc., by National Biscuit, the latter gains another cracker company of abundant earnings and independent trade prestige. Typical of National Biscuit consolidations is ample per share contribution of the acquired company in proportion to Biscuit stock given in payment.

Wheatsworth's Showing

For nine months to Sept. 30, 1930, Wheatsworth reports net income of $323,454 in contrast with $385,146 for the entire year, 1929. Barring a sharp drop in Wheatsworth earnings for the fourth quarter, net profit for the year may reach $450,000, well above the previous record of $410,760 in 1928. On the 70,000 Biscuit shares offered for Wheatsworth assets, the latter's earnings, after preferred dividends, would be about $5.30 a share.

Similar to its handling of Pacific Coast Biscuit and Bishop & Co. National Biscuit will maintain the local prestige of the Wheatsworth trade-mark, and widen the scope of its distribution.

While T. A. Huston & Co. has not the earnings volume of Wheatsworth, its earnings growth has been more spectacular. Net income of $75,183 for the 10 months to Oct. 31 already exceeds by 42.4 per cent the $52,777 returned for the full year, 1929. The 1929 earnings, on the other hand, increased more than 100 per cent over the $26,118 earned in 1928.

MONEY MARKET

Current quotations follow:

	Boston	New York
Call loans—renewal rate	3%	1½%
Commercial paper	3½@4	2¾@3
Customers' loans	5	5
Collateral loans	5	5
Time loans—		
Sixty-ninety days	2 @2½	2 @2½
Four to six months	2½@2¾	2½@2¾

	Today	Last Previous
Bar silver in New York	28⅛c	29⅛c
Bar silver in London	13⅜d	13 11/16d
Bar gold in London	84s 11¾d	85s

Clearing House Figures

	Boston	New York
Exchanges	$71,000,000	
Year ago today	95,000,000	$1,221,000,000
Balances	35,000,000	
Year ago today	44,000,000	176,000,000
F. R. bank credit	34,672,426	

Acceptance Market

30 days	1¾@1⅝
60 days	1¾@1⅝
90 days	1¾@1⅝
4 months	1⅞@1¾
5 months	2 @1⅞
6 months	2 @1⅞

Leading Central Bank Rates

The 12 Federal Reserve banks in the United States and banking centers in foreign countries quote the discount rates as follows:

Atlanta	3%	Bombay	7%
Boston	2½	Budapest	5½
Chicago	3	Calcutta	7
Cleveland	3	Copenhagen	3½
Dallas	3½	Helsingfors	6
Kansas City	3½	Lisbon	7½
Minneapolis	3½	London	3
New York	2	Madrid	5½
Philadelphia	3½	Oslo	4
Richmond	3½	Paris	2
San Francisco	3	Prague	4
St. Louis	3	Riga	6
Amsterdam	3	Rome	5½
Athens	8	Sofia	10
Berlin	5	Stockholm	3½
Berne	2½	Tokyo	5.11
Bucharest	9	Vienna	5
Brussels	2½	Warsaw	7½

Foreign Exchange Rates

Current quotations in foreign exchanges compare with the last previous figures as follows:

Europe	Today	Last Prev.	Parity
Sterling:			
Demand	$4.85 3/16	$4.85	$4.8665
Cables	4.85 5/16	4.85 3/16	4.8665
France—franc	.0391⅝	.0391 11/16	.0392
Belgium—belga	.1393½	.1393½	.139
Italy—lira	.0523¾	.0523 9/16	.0526
Germany—mark	.2375½	.2376¾	.2382
Austria—schill'g	.1407	.1407⅛	.1407
Cz-ch'via—crown	.0296⅛	.0296⅛	.0296
Denmark—krone	.2672	.2672	.268
Finland—finm'rk	.0252	.0252	.0252
Greece—dr'chma	.0129½	.0129⅝	.193
Holland—florin	.4022½	.4023	.402
Hungary—pengo	.1747	.1747	.1749
Norway—krone	.2672¼	.2672¾	.268
Poland—zloty	.1121	.1121	.1122
Port'gal—escudo	.0453	.0453	1.0805
Rumania—leu	.0059⅝	.0059⅝	.193
Spain—peseta	.1025	.1030	.193
Sweden—krona	.2678	.2676⅛	.268
Switz'land—franc	.1936¼	.1936	.193
Jugoslavia—dina	.0176⅝	.0176⅝	.193
Far East			
Hong Kong—dol	.2400	.2400	
Shanghai—tael	.3125	.3200	
India—rupee	.358	.3600	.3650
Japan—yen	.4948	.4947	.4984
Phil Islnds—peso	.4962½	.4962½	.50
Sts Stlments—dol	.5625	.5625	.5678
South America			
Argentina—peso	.3044	.3075	.4245
Brazil—milreis	.0930	.0940	.1196
Chile—peso	.1205	.1205	.1217
Colombia—peso	.9662	.9662	.9737
Peru—pound	.2975	.2925	.40
Uruguay—peso	.6637½	.6675	1.0342
North America			
Canada—dollar	.99¾	.99 11/16	1.00

*Par unsettled.

Investment Opportunities of a Decade

OPPORTUNITIES for successful investment in utility debenture bonds are more favorable now than in a decade. Sound bonds may be purchased at levels which afford attractive yields with probable appreciation.

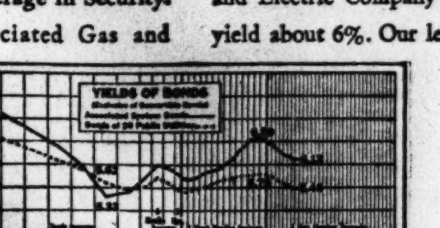
Associated Gas and Electric Company bonds are above average in yield compared with similar issues of other leading utilities. This is proved by an analysis showing yields of 63 similar bonds of 20 comparable companies as a group.

This comparison, based on tests such as are used by banks, insurance companies, and investment banking houses for determining the value of public utility bonds, proves further that Associated Bonds Are Above Average in Security.

For example, Associated Gas and Electric Company has a relatively small amount of subsidiary company obligations, the ratio of such obligations to the parent company's bonds being 42% less than in the case of 20 other utilities as a group. This increases Associated earnings directly applicable to the parent company bonds. On an "overall" basis, Associated earnings before depreciation are 2.26 times interest requirements compared with an average of 2.06 times for the bonds of the other utilities.

In spite of declining earnings and reduced business activity by many industries, Associated Gas and Electric Company gross earnings each quarter of last year were ahead of the same quarters of preceding years. This is due to the essential nature of utility services and to the desirable public utility areas served.

Debenture bonds of the Associated Gas and Electric Company are available to yield about 6%. Our letter, with an appendix of 10 plate charts illustrating the comparison referred to, will be forwarded upon request.



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General Utility Securities
Incorporated
61 Broadway New York

New York Curb

BY THE ASSOCIATED PRESS

INDUSTRIALS

Sales (in hundreds)	High	Low	12:30
1 Aero Underwrit	8	8	8
8 Affiliated Prod	14¼	14	14
1 Ala Gt South	75	75	75
12 †Alum Ltd C war	33	33	33
2 Am Austin Car	1¼	1¼	1¼
1 Am Capital B	5	5	5
3 Am Cities P & L B	6¼	6⅛	6⅛
2 Am Com Pow A	12¾	12⅝	12¾
1 Am Equities	5⅝	5⅝	5⅝
16 Am & Fgn Pow war	15½	14⅝	15½
1 Am Founders	4¾	4¾	4¾
1 Am Gas & El	70⅝	70⅝	70⅝
3 Am Maracaibo	¾	¾	¾
10 Am Sup Power	10⅛	10⅛	10⅛
1 Am Ut & Gen B vtc	4⅛	4⅛	4⅛
3 Am Yvette	1¼	1¼	1¼
8 Appalach Gas	7⅛	7	7
7 Ark Nat Gas A	5⅝	5½	5⅝
4 Asso Gas & El	19⅛	19	19
†25 Asso G&El ctfs	82¼	82¼	82¼
1 Assoc G&El Allot ctfs	20	20	20
23 Asso Gas&El A	20⅛	20	20
2 Asso Gas & El war	½	½	½
1 Atlas Util	4	4	4
B			
1 Blue Ridge cvt pf	31	31	31
2 Braz Tr & Lt	22⅛	21½	22⅛
C			
7 Carnation Co	22¾	22¾	22¾
1 Cent Hud G&E vtc	18⅛	18⅛	18⅛
3 Cent Pub Serv A	17¼	17	17¼
1 Cent States El	9⅝	9⅝	9⅝
43 Cities Service	15⅞	15⅜	15⅞
*2 Cit Serv B pf	7¼	7¼	7¼
2 Colomb Syn	⅜	⅜	⅜
1 Colum Oil & G vtc	5½	5½	5½
26 Comwlth & So war	1⅞	1¾	1¾
2 Commun Wat Wks	8⅝	8¼	8¼
2 Cons Cop Min	3⅛	3⅛	3⅛
†10 Cons Min & Smelt	144	144	144
†250 Cont Shares cvt pf	45	45	45
3 Cooper Bess	18⅝	18⅛	18⅛
9 Cord Corp	6⅝	6⅜	6⅝
2 Creole Pet	3⅜	3⅜	3⅜
5 Curtiss Wright war	⅝	⅝	⅝
D			
3 Dayton Airpl	2⅜	2¼	2⅜
2 Dresser Mfg B	19	19	19
2 Duquesne Gas	4⅝	4½	4½
E			
4 East Gas & F	19⅛	19	19⅛
2 Eastern Util A	3½	3½	3½
107 El Bond & Sh	40⅝	40⅛	40⅛
4 El Bond & Sh pff	102⅞	102⅞	102⅞
1 El Pow Assoc	14	14	14
1 Emp Steel	3¼	3¼	3¼
1 Employ Reinsur (1¼)	23	22	22
F			
1 Fabrics Finish	⅜	⅜	⅜
3 Flintkote A	9½	9½	9½
1 Ford Mot Can A (1.20)	23	23	23
1 Ford Mot France (.28)	8	8	8
11 Ford Mot Ltd (.37½)	16⅜	16¼	16⅜
2 Foremost Dairy	1⅛	1⅛	1⅛
4 Fox Theater A	4½	4⅜	4½
G			
1 Gen Aviation Corp	6¼	6¼	6¼
28 Gen Bak	⅝	⅝	⅝
7 Gen Bak pf (3)	28¾	28	28
1 Gen Bak NY new	17½	17½	17½
†50 Gen G&E cv pf B (6)	63¼	63¼	63¼
3 Gen Pete new	28⅞	28⅞	28⅞
5 Gen Th Eq cv pf (3)	25	24¾	24¾
2 Globe Underwrit (.30k)	7	7	7
2 Golden Center Min	1	1	1
9 Goldman Sachs	6⅛	6	6⅛
†100 Gt Atl & P nv	187	187	187
1 Groc Str Prod vtc	3½	3½	3½
2 Gulf Oil Corp Pa	66⅛	66⅛	66⅛
H			
1 Helena Rubenstein	1⅜	1⅜	1⅜
3 Holling Gold Min	7⅞	7⅜	7⅜
1 Hudson Bay M&S	4⅜	4⅜	4⅜
2 Humble Oil	60	59⅞	60
8 Hydro El Serv	22¼	22¼	22¼
I			
2 Ind Ter Ill B	14½	14½	14½
8 Internat Pet	14⅜	14⅛	14⅜
1 Inter Super Pow	22	22	22
3 Ital Super deb rt	1	1	1
L			
1 Lion Oil	6⅜	6⅜	6⅜
M			
3 Mavis Bott	¾	¾	¾
3 Memphis Nat Gas	10	10	10
11 Mid West Util	19⅜	19⅜	19⅜
2 Mid West Ut B war	2	2	2
1 Mo Kans PLB vtc	⅝	⅝	⅝
N			
2 Nat Fam Stores	5⅜	5⅜	5⅜
*2 Nat P & L 6% pf	98	97⅞	97⅞
†25 Nat Pub Ser Co pf	84⅜	84⅜	84⅜
†100 Nehi pf	72	72	72
1 New Bradford	1⅜	1⅜	1⅜
4 Newmont Min	44⅜	43	43
25 †NYP&Lt 6% pf	101	101	101
4 Niag Hud Pow	10⅝	10½	10½
20 Niag Hud P A war	2	1⅞	2
1 Niag Shares Md	7⅞	7⅞	7⅞
2 Niles Bem Pond	20⅛	20⅛	20⅛
3 Nor Am Avia A war	1⅜	1⅜	1⅜
1 Novadel Agene	41	41	41
O			
21 Pac G & E rts	1⅜	1⅜	1⅜
P			
2 Pandem Oil	⅛	⅛	⅛
9 Pennroad Corp	6⅛	6	6⅛
1 Peo L Pow A	22	22	22
2 Philippe L B	13½	13½	14½
2 Pitney Bowes	6⅜	6⅜	6⅜
2 Pub Util Hold	6⅛	6⅛	6⅛
R			
1 Rainbow L Prod A	2½	2½	2½
1 Reybarn Inc	2⅜	2⅜	2⅜
1 Reynolds Invest	1⅝	1⅝	1⅝
1 Rockl L & P tr ctf	16⅜	16⅜	16⅜
S			
14 St Regis Paper	24⅛	24	24⅛
3 Saxet Co	8½	8	8½
3 Schiett & Zand	1⅜	1⅜	1⅜
4 Schiett & Zand pf	6	6	6
5 Schul Un 5c-$1 St	⅜	¼	⅜
1 Schul Un 5—$1 St pf	1⅜	1⅜	1⅜
1 Seeman Bros	34	34	34
1 Segal Lock	4⅞	4⅞	4⅞
10 Shenandoah pf	30⅝	30⅝	30⅝
10 †Singer Mfg	333	333	333
90 †Smith A O	139¾	138	138
5 So Am Airlines 1st pd	2⅛	1⅞	1⅞
2 South Cal Ed B pf	26¾	26¾	26¾
20 Southland Royalty	7	6⅝	6⅝
50 †Speig May S pf	16	16	16
16 Stand Oil Ind	36	35¾	35¾
3 St Oil Ky	21⅛	21⅛	21⅛
650 †St Oil of Ohio	50¼	49¾	50¼
4 Stutz Mot Am	20¼	20	20¼
3 Sunray Oil	3½	3½	3½
T			
1 Technicolor Inc	7⅛	7⅛	7⅛
*10 Teck Hugh Gold	6¾	6¾	6¾
1 Trunz Pork Stores	12¾	12¾	12¾
U			
1 Union Nat Gas Can	14	14	14
2 United Carr Fast	4⅞	4⅞	4⅞
1 Unit Chem ptc pf	17¾	17¾	17¾
6 United Corp war	8	8	8
11 Unit Founders	8	7⅞	7⅞
53 United Gas	8¾	8½	8¾
5 United Gas war	3¾	3½	3¾
1 United Gas pf	89⅛	89⅛	89⅛
4 Un Lt&Power A	23⅝	23½	23½
1 Unit Shoe Mach	54¾	54¾	54¾
3 U S Elec Pow	5⅛	5⅛	5⅛
1 U S Lines pf	6	6	6
4 United Verde Ext	9½	9¼	9½
1 Utah Apex Mining	1	1	1
1 Utility Equities pf	71	71	71
4 Util Pow & Lt	9⅛	9⅛	9⅛
V			
6 Vacuum Oil	56¼	56	56
W			
†25 Welch Grape	52½	52½	52½

DOMESTIC BONDS
(Sales in $1000)

Sales	High	Low	12:30
5 Ala Pow 5s'68		102⅛	102⅛
4 Ala Pow 4½s'67	99¼	98⅞	99¼
1 Am Cmwlth Pow 6s'40	80	80	80
20 Am G&E 5s 2028	97⅞	97¾	97⅞
3 Am Pow&L 6s 2016	104⅛	104⅛	104⅛
1 Am Roll M 5s'48	95⅝	95⅝	95⅝
7 Appalach Gas 6s'45	77¾	77½	77½
1 Appalach Gas 6s'45 B	62⅝	62⅝	62⅝
3 Appalach Pow 5s'56	100	100	100
6 Ark Pow&Lgt 5s'56	98	98	98
5 Asso Elec 4½s'53	80⅛	80⅛	80⅛
3 Asso G&E 5½s'38	73⅜	73⅜	73⅜
9 Asso G&E 5s'50	73⅛	72⅝	72⅝
1 Asso G&E 5½s'77	94½	94½	94½
27 Asso G&E 5s'68	76⅛	76⅛	76⅛
2 Asso G&E 5½s'49 C	66⅞	66⅞	66⅞
5 Assoc Tel Util 5½s'44C	85	84⅝	84⅝
4 Bell Tel Can 5s'57 B	103⅛	103⅛	103⅛
2 Bell Tel Can 5s'60 C	103⅞	103¾	103⅞
10 Can N Ry Eup 7s'35E	108	108	108
3 Caro P&L 5s'56	102	102	102
7 Caterp Trac 5s'35	97½	97	97½
1 Chic Dist El 4½s'70A	90⅝	90⅝	90⅝
6 Chic Dist El 5½s'35B	100⅛	100	100
6 Chic Ry cod 5s'27	70	69	69
1 Cities Ser 5s'66	72	72	72
217 Cities Ser 5s'50	73⅛	72⅛	73⅛
5 Cities Ser Pw 5½s'52	82	82	82
1 Com Larabee 6s '41	40	40	40
2 Cons G Balt 4¼'69 G	104¼	104⅛	104¼
30 Cont G & El 5s'58 A	82¼	82	82¼
1 Crane Co 5s'40	101⅛	101⅛	101⅛
5 Cudahy P 5½s'37	98	98	98
1 Cudahy Pack 5s'46	102	102	102
2 Det Int Bridge 6½s'52	26	26	26
10 DuQuesne Gas 6s'45	86	83⅝	83⅝
10 Ed Elec Ill 5s'33	102	101⅝	101⅝
3 Elec Pow & Lt 5s 2030	86⅛	86	86
1 Empire O & R 5½s '42	79⅛	79⅛	79⅛
5 Firestone Tire 5s'42	86	86	86
1 Fla Pow & Lt 5s '54	85	85	85
2 Gatineau Pow 5s'56	93⅝	93⅝	93⅝
5 Gen Rayon 6s'48 A	53	53	53
3 Gen Vend 6s '37 ww	11	11	11
1 Geo Pow 5s '67	99⅝	99⅝	99⅝
31 Gillette 5s '40	89	88⅝	88
1 Gobel (A) 6½s '35 A	79	79	79
5 Gulf Oil Pa 5s'47	103	102¾	103
1 Gulf Oil Pa 5s '37	101½	101½	101½
1 Gulf St Ut 5s'56 A	98	98	98
6 Hanna 6s '34	99⅝	99½	99½
1 Houst G G 6½s'43 ww	87	87	87
2 Houst G G 6s'43 A	87	87	87
5 Indep Oil 6s '39	99	99	99
5 Indnapls P&L 5s '57 A	100½	100½	100½
21 Insull Ut Inv 6s '40 B	88⅜	87¼	87¼
3 Interl Pw Sec 7s '57 E	94½	94½	94½
2 Interl Sec Am 5s '47	72	72	72
2 Iowa P&L 4½s A '58	93	93	93
3 Kansas Pow 5s A	95	95	95
5 Kop Gas & C 5½s '50	102½	102½	102½
20 Lehigh C&N 4½s '54 C	99¼	99¼	99¼
2 Lehigh PS 6s 2026 A	103	103	103
3 Libby MCN&L 5s '42	91⅝	91	91
5 Louis P&L 5s '57	97⅞	97⅞	97⅞
6 Mass Gas 5s '55	99	99	99
1 Mid Sts Pet 6½s '45 A	49½	49½	49½
25 Milw El Ry&Lt 5s '71	100	100	100
3 Narragansett 5s '57	102	102	102
2 N E G&E 5s '50	85⅞	85½	85½
1 N E Gas&El 5s '48	90¾	90¾	90¾
2 N E Gas&El 5s '47	87⅜	87⅜	87⅜
7 NY Pow&Lt 4½s '67	96⅛	96⅛	96⅛
2 Nor Oh P&L 5½s '51	101	101	101
1 Nor Ind P S 5s '66 C	101	101	101
5 Nor State P 6s '48 A	104¾	104¾	104¾
92 Ohio Edison 5s '60	100⅛	99⅞	100
2 Ohio Pow 5s '52 B	102½	102½	102½
5 Pac G&E 4½s '60 F	97¾	97⅝	97¾
4 Pac G&E 5½s '52 C	105⅛	105	105
26 Pac W Oil 6½s '43 ww	74⅞	67⅞	69
3 Penn Cen P&L 4½s '77	93½	93	93½
1 Penn P&Lt 5s '52 B	102⅛	102⅛	102⅛
1 Penn Tel Corp 5s C'60	96⅛	96⅛	96⅛
12 P'land Gen El 4½s '60	88	87⅞	88
5 Potomac Edis 5s '56 E	99⅞	99⅞	99⅞
1 Pub Sd P&L 5½s '49	101½	101½	101½
7 Pub So P&L 5s '50 C	98	97⅞	98
12 Roch Cent Pow 5s '53	65½	64½	65½
1 Saxet Corp 6s '45 A	82	82	82
10 Shawing W&P4½s'67A	94⅛	94⅛	94⅛
6 Shawing W&P 5s'70C	103	102⅞	103
1 S E P & L6s2025Axw	102⅝	102⅝	102⅝
3 South Cal Ed 5s '51	104⅝	104⅝	104⅝
5 So Cal Gas 5s '37	92	91⅞	92
7 South Nat Gas 6s '44	77⅛	77	77⅛
2 South Lt&P 5s '57 A	93	93	93
22 S'west G&E 5s '57 A	95	95	95
6 Stand G&E 6s '35	99	99	99
6 Stand G&E 6s '51	97¾	97¾	97⅞
1 Stand G&E 6s '66	98	98	98
3 Stand P&Lt 6s '57	97	97	97
1 Swift & Co 5s '40	100⅛	100⅛	100⅛
6 Tenn Pub Serv 5s '70	94⅞	94⅞	94⅞
1 Tex El Serv 5s '60	97	97	97
5 Tex Gas Util 6s '45	72⅜	72⅜	72⅜
12 Tex P&Lt 5s '56	99	99	99
5 Tri Util 5s '79	81	80⅞	81
28 Ulen & Co 6s '44	74⅛	73⅞	74⅛
29 Union Gulf Cp 5s '50	101½	101⅛	101½
1 Un Lgt&Ry 5½s '52	85	85	85
1 Unit Lt&Pow 6½s '74	99⅞	99⅞	99⅞
8 U S Rub 6s '33	85	85	85
13 Van Swer 6s '35	82⅞	81½	81½
2 West Tex Ut 5s '57 A	88⅛	88⅛	88⅛
1 West T Ut 5s A '57 n	88⅛	88⅛	88⅛

CURB FOREIGN BONDS

Sales	High	Low	12:30
5 Burmeis & W 6s '40	100⅝	100⅝	100⅝
16 Cen 4s '60	93⅛	93⅛	93⅛
5 Com Priv Bk 5½s '37	81¼	81¼	81¼
5 Ger Cons M 7s '47	79⅛	79⅛	79⅛
7 Gesfuerel 6s '53	78⅛	78	78
5 Gesfurel 6s '53 xw	78	78	78
1 Hamb El 5½s '38	81	81	81
10 It Sup P 6s '63 A xw	60	59⅞	60
1 Nippon El Pow 6½s '53	88	88	88
3 Parana Bras 7s '58	24⅛	24	24
3 Ruhr Chem 6s '48 A	69⅛	69⅛	69⅛
25 Russ 6½s ctf N C '19	3⅜	3	3
1 Stinnes 7s '36 xw	73	73	73
1 Stinnes 7s '46 xw	73	73	73
1 Un Indust 6½s '41	76	76	76

*Ex-dividend.

EUROPEAN ELECTRIC CORPORATION

European Electric Corporation, Ltd., reports for the period from Feb. 3, 1930, to Dec. 31, 1930: Income from dividends and interest, $2,377,355; expenses, $49,862; United States and foreign taxes, $23,235; interest, $710,712; net income, $1,493,460; dividends, $855,000; surplus, $638,460.

P

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Intercollegiate, Club and Professional Athletic News of the World

CHICAGO BEATS BRUINS AGAIN

Shortens Boston Lead—Canadiens Now 4 Points Ahead in Division

NATIONAL HOCKEY LEAGUE STANDING
UNITED STATES DIVISION

	Won	Tied	Lost	Goals For	Goals Agst	Pts
Boston	15	3	6	77	49	33
Chicago	14	2	7	56	33	30
Rangers	10	6	8	60	49	26
Detroit	9	3	10	54	49	21
Philadelphia	2	1	20	35	94	5
CANADIAN DIVISION						
Canadiens	13	3	6	64	50	29
Montreal	11	3	10	53	54	25
Toronto	10	5	7	45	47	25
Americans	8	6	8	36	31	22
Ottawa	5	2	15	41	65	12

RESULTS JAN. 15
Chicago 2, Boston 0.
Americans 2, Ottawa 1.
Canadiens 4, Montreal 1.
Toronto 1, Rangers 1, overtime.

SPECIAL FROM MONITOR BUREAU

CHICAGO, Jan. 16—Sixteen thousand fans, a season record, cheered the Chicago Black Hawks to victory, 2 to 0, over the Boston Bruins in a National Hockey League game at the Chicago Stadium here, last night. It was the fourth consecutive winning game for the Hawks, and advanced them toward a challenge for leadership of the American division, now held by the Bruins.

Besides being the largest crowd, it was the most excitable, and there were plenty of incidents in the last period to keep it on its feet, roaring like a football throng. Five Black Hawks were sent to the penalty box in that period, and once there were two in concurrently. Boston attacked with everything but the goalie, but the few remaining Hawks kept batting the puck down the ice, out of danger, and Gardiner, Chicago's netman, made some remarkable stops.

The first score was counted with only a minute and a half of the second period remaining. Cook passed out from behind the goal to Dutkowski, who arrived three feet from the net just in time to slam the puck so quickly past Thompson, Boston goalie, that he could not react. In the third period March rushed across the face of the net with the puck and sent it in so hard it came out again and play continued until March called attention to the scorer's light which announced a goal. Shore and Hitchman, Boston defense men, played the entire game without relief. The summary:

CHICAGO — BOSTON
Miller, Gottselig, Ingram, lw
rw, Oliver, Clapper, Galbraith
Cook, Ripley, DesJardins, c
c, Beattie, Weiland, Chapman
March, Couture, Adams, rw
lw, Barry, Gainor, Harris
Graham, Wentworth, ld.........rd, Shore
Bostrom, Dutkowski, rd.........ld, Hitchman
Gardiner, g.........................g, Thompson

Score—Chicago Black Hawks 2, Boston Bruins 0. Goals—Dutkowski and March for Chicago. Assist—Cook for Chicago. Time—Three 20m. periods. Referees—Vic Wagner and B. R. Corbeau.

SPECIAL FROM MONITOR BUREAU

NEW YORK, Jan. 16 — The New York Rangers and the Toronto Maple Leafs fought each other to a tie in their game at Madison Square Garden yesterday evening. The score was 1 to 1. The visitors scored early in the game, but their shortened numbers slowed up their attack in the final period, and the Rangers, using a four-man attack, equalized the score. The Maple Leaf stars got busy early, and the game was not three minutes old, when the third of a series of clever combinations scored with Bailey coming down beside and behind the net and passing to Blair, who had an easy shot. Then the Ranger attacks, with sometimes four in the advanced zone, kept hammering at the Toronto goal, only to be turned back with regularity by Day, even when Primeau and Jackson were both in the penalty box.

The second session found Toronto on the defense most of the time, but its play was effective, so no score came. Keeling was twice close to scoring, but Chabot stopped the puck in the jaws of the net each time from a close shot by the Ranger wingman. The Ranger four-man attack, with Dillon coöperating with the first line, finally brought a score, after several tries, on one of which a close face-off was just saved by Chabot. W. Cook was the scorer on Boucher's pass. The balance of the game found Toronto on defense, with the puck landing in its net once in the overtime. But the goal was disallowed, being kicked in by Murdoch, after Keeling's shot had been halted by Chabot short of the net. The summary:

RANGERS — TORONTO
F. Cook, Keeling, Dillon, Thompson, lw
rw, Bailey, Conacher
Boucher, Carrigan, Murdoch, c
c, Blair, Primeau, Cotton
W. Cook, Thompson, McAdam, Dillon, rw
lw, Cotton, Jackson
Johnson, Jerwa, ld.......rd, Clancy, Horner
Kenny, Regan, Peters, W. Cook, Jerwa, rd
ld, Day, Horner
Roach, g.........................g, Chabot

Score—Rangers 1, Toronto 1. Goals—W. Cook for Rangers; Blair for Toronto. Assists—Boucher for Rangers; Bailey for Toronto. Referees—F. J. Ion and W. A. Shaver. Time—Three 20m. periods, and 10m. overtime.

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

OTTAWA, Jan. 16—The local Senators dropped further behind in the race in the Canadian section of the National Hockey League here last night when they were defeated by the fourth place New York Americans, 2 to 1. All three goals were scored in the second period. Patterson's shot glanced in off an Ottawa player's skate to open the scoring, but Gagne evened the count on a combined rush only to have Himes, Dutton and McVeigh combine for the winning goal, the former scoring.

Although the Americans showed better combination when they went on the attack and had a closely knit defense most of the time, Worters had to be both brilliant and "lucky" to stave off the determined attacks of the Senators in the closing minutes. On the entire game the visitors deserved their victory, but Ottawa was unfortunate in failing to get the equalizer during the final period. The losers were weakened by mishaps to two of their defensemen and the starting pair had to play with short reliefs from one of the forwards.

AMERICANS — OTTAWA
Emms, Sheppard, Massecar, lw
rw, Finnigan, Gagne
Burch, Himes, Hughes, c..c, Lamb, Grosvenor
Patterson, McVeigh, Carson, Burmister, rw
lw, Kilrea, Cox, Touhey
Ayres, Brydge, ld...............rd, Art Smith
Dutton, Simpson, rd.............ld, Bourgeault
Worters, g..........................g, Beveridge

Score—Americans 2, Ottawa 1. Goals—Patterson and Himes for Americans; Gagne for Ottawa. Assists—Burch, Dutton and McVeigh for Americans; Smith and Cox for Ottawa. Referees—G. J. Mallinson and Eusebe Daigneault. Time—Three 20m. periods.

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

MONTREAL, Jan. 16—Canadiens scored their second victory of the season over their intra-city rivals, the Maroons, here last night, and their 4-to-1 victory enabled the Habitants to increase their lead to four points over the Maroons and the Toronto Maple Leafs who are tied for second place although the Maroons have played two more games than have Canadiens. Although the first period was scoreless the Canadiens had a decided margin over their opponents in all departments of the game and only for the smart work of young Kerr in the losers' goal the score would have been larger.

The Canadiens had more speed, combination both ways, and their poke-and-hook checking barrage at center ice, led by Lepine, broke up most of the Maroons' attacks. The losers turned in a somewhat listless display, and at no time appeared to be likely to win. Near the middle of the second period Lepine scored the first of two individual goals, and a minute later Larochelle scored after a combined rush with Morenz and Joliat. The three goals of the third period were all scored inside of three minutes, Morenz getting one on a lone rush, then Conacher making full use of a pass from Wilcox, while Lepine added the fifth of the game.

CANADIENS — MONTREAL
Joliat, G. Mantha, Mondou, lw
rw, Ward, Smith
Morenz, Lepine, Rivers, c.c, Phillips, Stewart
Gagnon, Larochelle, Wasnie, rw
lw, Trottier, Siebert, Northcott
Burke, Leduc, ld.....rd, McVicar, Conacher
S. Mantha, McCaffrey, rd
ld, Gallagher, Wilcox
Hainsworth, g..........................g, Kerr

Score—Canadiens 4, Montreal 1. Goals—Lepine 2, Morenz and Larochelle for Canadiens; Conacher for Montreal. Assists—Morenz and Joliat for Canadiens; Wilcox for Montreal. Referees—R. W. Hewitson and Gerald Goodman. Time—Three 20m. periods.

PETERSON'S RUN IS FAR SHORT OF RECORD

SYRACUSE, N. Y., Jan. 16 (AP)—The string of 2843 points scored at straight rail billiard by Charles C. Peterson, St. Louis billiardist, three days ago, is far short of the world mark, records here reveal.

William J. Kuntzsch, of Syracuse, a prominent match player of 25 years ago, ran off 5343 consecutive points at straight rail billiards here in 1893.

Kuntzsch does not claim this as the world record but said yesterday that old Jake Schaefer holds the official mark of 3000 set in a match with one McCreary at San Francisco on a 4½ by 9 table.

Old record books substantiate this.

PACIFIC COAST HOCKEY LEAGUE STANDING

	W	T	L	Goals For	Goals Agst	Pts
Vancouver	7	5	4	25	24	19
Seattle	6	6	4	30	21	18
Portland	6	4	6	28	26	16

RESULT JAN. 15
Seattle 0, Portland 0, overtime.

TEAMS UNABLE TO SCORE

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

PORTLAND, Ore., Jan. 16—In one of the most bristling games of the season here, Seattle's Eskimos and Portland's Buckaroos fought in a scoreless, overtime tie in the Pacific Coast Hockey League last night. Close-back checking and narrow "saves by both goalies featured the 70 minutes of lightning action." Anderson of Seattle and Armstrong of Portland drew major penalties and the Eskimos took a great many involuntary rest periods for minor infractions.

BLACKBURN ROVERS ADVANCE

BY RADIO FROM MONITOR BUREAU

LONDON, Jan. 16—Blackburn Rovers, six times winner of the English Football Association Challenge Cup—a proud record equaled only by Aston Villa—reached the fourth round in this season's competition by defeating Walsall from the Southern section of the third division, 3 goals to 0, in a replayed tie yesterday. The Rovers' opponent in the next stage will be some other Rovers, namely those of Bristol, and the match will again be a case of first division vs. Southern section, third. It seems a remarkable reflection that although the cup tournament dates back to 1871-72 only 12 teams have ever won the famous "pot" more than once. They are Aston Villa and Blackburn, half a dozen times apiece; the Wanderers (not now in existence), five times; Sheffield United, four; Bolton Wanderers, three, and Old Etonians (no longer in competition), West Bromwich, Bury, Sheffield Wednesday, Tottenham Hotspur, Wolverhampton Wanderers, and Newcastle United, twice each.

GOLDEN LEADS BY A STROKE

AGUA CALIENTE, Mexico, Jan. 16 (AP)—One stroke ahead, Johnny Golden, professional from Noroton, Conn., led at the half-way mark of the second annual Agua Caliente $25,000 open golf championship yesterday. He shot 73 for the second round, giving him 143 for 36 holes. Ed Dudley, Wilmington (Del.) professional, also shot 73, which coupled with 71 Wednesday gave him a 144 and undisputed second place. He was tied for second Wednesday, one stroke behind Golden. Tied for third came Horton Smith of New York and Mortie Dutra of Long Beach, Calif., with 146. The best round yesterday was credited to Chet Beer of Bakersfield, who had the only par of the day, 72. This gave him a 148, four strokes back of the leader.

KARLSON WILL REPORT

PALMER, Mass., Jan. 16 (AP)—William P. Karlson, Palmer athlete, yesterday said he had been instructed to report at the St. Petersburg (Fla.) training camp of the New York Yankees baseball team on Feb. 22, along with other members of the battery staff. Karlson played with the Springfield Eastern League team last summer after an early season trial with the Yankees.

COLLEGE HOCKEY RESULTS

Dartmouth 10, Vermont 0.
Mass. Aggies 6, St. Stephen's 3.
New Hampshire 6, Bates 0.

Facts About Professional Hockey Players—No. 115

BERTRAM HAROLD McINENLY

Detroit Falcons, National Hockey League

First played professional hockey with Detroit Olympics in the Canadian Professional Hockey League in the 1928-29 season. He was born at Silley, Que., Can., May 6, 1906. He is a left-hand shot, about 5ft. 8in. in height, weighs about 165 pounds, and plays defense. His record:

1924-25—Rideau Juniors, Ottawa City League
1925-26—Shamrocks, Ottawa City League
1926-27—Berlin, New Hampshire
1927-28—Gunners, Ottawa City League
1928-29—Michigan League-Detroit Olympics, C. P. H. L.
1929-30—Detroit Olympics, International Hockey League
1930-31—Detroit Falcons, National Hockey League

National League Clubs Will Give Trials to 90 Recruits

International and Pacific Coast Leagues Furnish Most Promising Material—Five Rochester Regulars Seek Positions Throughout Circuit

NEW YORK, Jan. 16 (AP)—The eight clubs of the National Baseball League will give trials to nearly 90 new men this spring with the International and Pacific Coast leagues furnishing the most promising recruits.

The International has sent up a big crop of recruits and a good many of them should stay in the majors. Five regulars of Rochester's pennant-winning team will seek positions on one National League team or another. "Rip" Collins, hard-hitting first baseman, and Paul Derringer, right-handed pitcher, who won 23 games and lost 11 in 1930, go to the "parent" organization, the St. Louis Cardinals.

George Grant, another Rochester right-hander, will get another major league chance with the Pittsburgh Pirates, and John Berly, still another right-hander, with the New York Giants. Outfielder "Red" Worthington, who hit .378 with the Redwings last season, gets a chance with the Boston Braves.

From Baltimore, Stewart Bolen, right-hander, goes to the Phillies, and outfielder Vince Barton will try to crowd into the Chicago Cubs' lineup. Buffalo has sent Al Moore, outfielder, to the Cardinals. Reading's star catcher, Bob Grace, gets a chance with the Cubs.

The leading coast league recruits are Wesley Schulmerich, who hit .380 for Los Angeles last season, and would like to approach that mark with the Braves; Mickey Heath, Hollywood first baseman who goes to the Cincinnati Reds; and Johnny Vergez, infielder purchased by the New York Giants from Oakland.

Other coast league material includes Ed Baecht, former Philly pitcher who will go to the cubs from Los Angeles; and Frank Sigafoos, infielder drafted by the Reds from Los Angeles. Sigafoos formerly was with the Philadelphia Athletics.

The American Association also will not lack for representation. Brooklyn has purchased Clyde (Pea Ridge) Day, veteran right-hander from Kansas City, and Hal Wiltse, former Red Sox and St. Louis Browns pitcher, is up with the Phillies from Milwaukee.

The Giants will see what can be done with Tom Nash, former University of Georgia football star, who batted .354 with Asheville in the Sally League last year. Howard Grosskloss, an all-around athlete at Amherst, will try out for a place in the Pirates' infield. Bob Parhan, former Georgia Tech player, will do some outfielding for the Brooklyn Robins, at least during the spring. Lil Stoner, former pitcher with the Detroit Tigers and Pittsburgh Pirates, gets another chance with the Phillies, and Ed Strelecki, right-hander, once with the Browns, goes to the Reds by draft from Milwaukee. The Reds also will try out Bob Asbjornson, catcher, who batted .381 with Nashville last season.

Junior Coyle Wins Over Ralph Powers

SPECIAL FROM MONITOR BUREAU

NEW YORK, Jan. 16—William H. Coyle Jr., the schoolboy star of the Montclair Athletic Club, definitely installed himself among the great of squash racquets yesterday, when he followed up his victory over Perry R. Pease, of the Racquet & Tennis Club, in the second round, by defeating Ralph A. Powers, former Harvard star, playing here for the first time this season, in straight games, 15—11, 15—12, 17—14.

J. Lawrence Pool 2d, the Harvard Club leader, came through victorious with his newly developed change of pace, over R. F. De Voe, of the home club, in straight games, 15—12, 15—12, 17—15, but the defending champion, Herbert N. Rawlins Jr., of the Racquet & Tennis Club, who is also the United States champion, had a hard five-game struggle to defeat Elliott Pratt, of Nassau Country Club, his soft ball play being handled by the Glen Cove player with great effect. The score of this match was 15—10 15—11, 10—15, 13—16, 15—11. These two are expected to be the finalists this year, as they were a year ago.

Then W. Jay Iselin, also of the Racquet & Tennis Club, scored over George D. Debevoise of the Harvard Club, in the fourth match, also in straight games, 15—9, 18—16, 15—8. Iselin has been below his last year form in his matches this season up to this time, but he played with all his old-time skill, which has brought him close to the United States title many times, and won him the Rockaway gold squash racquets a year ago, against Debevoise, and the wallops of the latter, as hard a hitter as Pool, failed to stop the younger player.

METROPOLITAN SQUASH RACQUETS CHAMPIONSHIP—Fourth Round

W. H. Coyle Jr., Montclair A. C., defeated Ralph A. Powers, Harvard Club, 15—11, 15—12, 17—14.

H. N. Rawlins Jr., Racquet & Tennis Club, defeated Elliott J. Pratt, Nassau Country Club, 15—10, 15—11, 10—15, 13—16, 15—11.

J. Lawrence Pool 2d, Harvard Club, defeated R. F. De Voe, University Club, 15—12, 15—12, 17—15.

W. Jay Iselin, Racquet & Tennis Club, defeated George D. Debevoise, Harvard Club, 15—9, 18—16, 15—8.

WORCESTER HAS AN ARENA OPEN TO ALL

WORCESTER, Mass., Jan. 16 (AP)—The question of a sports arena for Worcester was settled yesterday by the announcement that the big brick and steel industrial building of the Worcester Agricultural Society is hereafter to be Worcester Arena, and will be the recreational center of Worcester.

In the 45,000 square feet of floor space will be permanently housed two full-sized lawn tennis courts, an archery range, a nine-hole miniature golf course, free slides and teeter boards for the little ones, a dance floor with orchestra, and various minor attractions.

The building will be open afternoon and evening until warm weather. Everyone will be admitted free and there will be games, athletic and otherwise, for men, women and children. The main room, 150 by 300 feet, is connected with a heating plant.

The plans call for an ice rink next winter. A system of refrigeration pipes is already being figured by which it will be a simple matter to make an ice rink of any desired size. Ice hockey also looms as a popular winter sport here.

OVEREMPHASIS ON FOOTBALL

NEW YORK, Jan. 16 (AP)—In reply to President Nicholas Murray Butler's plan for decreasing the emphasis on football at Columbia University, one alumnus urges more emphasis as what the college needs. In a letter to the Columbia Alumni News, William C. Morrill '99 says that while the Columbia attitude toward athletics may be correct, it does not enthuse the younger generation or heighten alumni interest, "and that is what Columbia and every other college needs."

HARRY 'SOCKS' SEIBOLD SIGNS

Harry "Socks" Seibold, right-handed pitcher who won 15 games and lost 16 for the Boston Braves last season, has signed his contract for the coming season, according to announcement made Jan. 15 by the management of the Braves.

ENRIGHT TO COACH AT GEORGIA

CHAPEL HILL, N. C., Jan. 16 (AP)—The athletic council of the University of North Carolina yesterday accepted the resignation of Rex Enright, freshman football coach, who will go to the University of Georgia as chief assistant to Head Coach Harry Mehre.

MANITOBA GRADS WIN AGAIN

BERLIN, Jan. 16 (AP)—The University of Manitoba grads hockey team scored the third successive victory of its European tour yesterday, defeating a team made up of German, Swiss, Czechoslovakian and Swedish stars, 4 to 3.

OHIO STATE HAS SWIMMING TEAM

First Squad in History There Starts Its Training Early in Season

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

COLUMBUS, O., Jan. 16—Although the new natatorium at Ohio State University still is a "hole in the ground," candidates for the first Buckeye swimming team in history have been working for two months preparing for the "Big Ten" season.

The Ohio State athletic officials have endeavored to maintain more than a varsity swimming team in their building of the new natatorium, for plans are under way to include more than 7000 of the 12,000 student body, going so far as to require all non-swimmers to report for instruction beginning next fall.

The Ohio State team is being coached by Michael Peppe, an Ohio State graduate, who coached swimming in the City College of New York and came to Ohio State from the Columbus public schools where he has been swimming instructor for the last five years. During the last four years he has produced city championship teams at the Crestwood High School.

The schedule of the Buckeyes this year is rather lean. Only one "Big Ten" college is scheduled—this the University of Chicago to be met on Jan. 31.

Tentative Meets

In addition, however, tentative meets have been arranged with Western Reserve University of Cleveland, Ohio Wesleyan University at Delaware, University of Cincinnati at Cincinnati and the Wooster College of Wooster. Tentative dates are also standing with Indiana University and Purdue University.

On the initial Buckeye tank team are eight sophomores, 10 juniors and one senior. The squad is well balanced, according to Coach Peppe and the personnel included students from Hawaii and Balboa, Canal Zone.

Those men chosen for their ability in the freestyle event are C. E. Broeker '32, Cleveland; C. B. Rawlings '32, Zanesville; Hunter Young '33, Balboa, Canal Zone; O. G. Sola '33, Erie, Pa., halfback on the football team; Irving Bennett '33, Asbury Park, N. J., and H. J. Galmish '32, Erie, Pa.

Three Columbus youths, all of whom won medals in the high school swimming events, are included in the freestyle event in F. S. Dunning '33, C. E. Bazler '32 and J. W. St. John '32.

A Hawaiian boy, W. M. Ozawa '32, is leading the candidates for the breaststroke event while other capable men include A. R. Larkins '31, Cleveland Heights; A. G. Gilsdorf '32, Columbus, and Walter Czuba '33, Lorain.

Albert Brock '33, Dayton, and E. B. Goldstein '32, Brooklyn, N. Y., lead the divers.

In the backstroke event Coach Peppe has J. F. Krohn '33, Cleveland, and E. H. Latham '32, Columbus.

R. O. Boyles '32, Columbus, and W. R. Diehl '33, football candidate, also are out for the diving event.

Large Freshman Squad

Coach Peppe has a large freshman team out for the swimming activity and Andrew Fela, Akron, appears to be the star. Fela is said to be one of the best backstroke men in the country and held the United States interscholastic title in this event in 1928. He will become eligible for competition next year.

Assurance that the new natatorium would be available for use next fall was given recently when the contractors reported they were four months ahead of their schedule. The new building is placed on the campus slightly southeast of the Ohio stadium.

With its completion comes one of the best equipped pools in the country for the use of the varsity swimmers. The natatorium is being constructed by the Ohio State Athletic Association out of the athletic receipts and is to cost approximately $350,000. The physical education building to be built adjacent to the natatorium is a state project made possible by an appropriation of the Ohio Legislature and will cost about $550,000 including equipment.

The natatorium was designed by Howard Dwight Smith, university architect. It will contain three swimming pools to accommodate every type of tank activity from beginners' classes to the intercollegiate meets.

In the physical education building will be placed 4000 lockers as well as classrooms and all departmental offices.

The Buckeye swimming coach also is planning a water polo team. This, however, will not be attempted during this year. Until the new natatorium is completed the Buckeye tanksters are working out in the local Y. M. C. A. pool.

The varsity pool in the new building will measure 75 feet by 40 feet with a depth of from seven to 12 feet. More than 1500 spectators can be accommodated in the stands.

Wolf and Haines Gain Final Round

SPECIAL FROM MONITOR BUREAU

NEW YORK, Jan. 16—Harry F. Wolf of New York Athletic Club, United States champion, and Rowland B. Haines, of Columbia University Club, his predecessor, will stage their fourth encounter of this squash tennis season tomorrow, when they meet in the final round of the Clyde Martin Memorial invitation tournament, at Yale Club. They met first in the final round of the fall scratch tournament, at the Columbia U. C., which Haines won, then in the finals of the Princeton Club invitation, when Wolf reversed the result, and again week before last, in the regular Class A team match, between their clubs, at the New York Athletic Club, when Wolf was again the victor.

Both pursued different methods to win the semifinal matches yesterday. Haines opposing his clubmate, Edward G. McLaughlin, played well within his top speed for the greater part of the match, until McLaughlin was leading at 18—8 in the fourth game, only three points from victory. Then the former champion exerted his skill to the utmost, and took the game at 15—12, then ran out the fifth game and the match, at 15—9, 15—17, 7—15, 15—12, 15—9.

Wolf, on the other hand, encountering Gavin Brackenridge, of the Princeton Club, galloped through his match with the utmost intensity, and though Brackenridge held him closely in the second game, when his angle shots and steadiness were forcing errors by the champion, the match went only three games, scored at 15—3, 15—11, 15—4. The summary:

YALE CLUB INVITATION SQUASH TENNIS TOURNAMENT—Semifinal Round

Harry F. Wolf, New York Athletic Club, defeated Gavin Brackenridge, Princeton Club, 15—3, 15—11, 15—4.

Rowland B. Haines, Columbia University Club, defeated Edward G. McLaughlin, Columbia University Club, 15—9, 15—17, 7—15, 15—12, 15—9.

INDIANS INCREASE LEAD IN STANDING

CANADIAN-AMERICAN HOCKEY LEAGUE

	Won	Tied	Lost	Goals For	Goals Agst	Pts
Springfield	16	0	2	77	39	32
Providence	11	4	4	61	37	26
New Haven	6	2	13	32	65	14
Boston	7	0	13	45	60	14
Philadelphia	[illegible]	[illegible]	12	32	53	12

RESULT JAN. 15
Springfield 1, Philadelphia 0.

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

PHILADELPHIA, Jan. 16—Springfield Indians won a brilliantly played Canadian-American Hockey League match from the Philadelphia Arrows at the Arena, last night, by the score of 1 to 0. The victory enabled the Springfield league leaders to pick up two more points in their quest of the championship and boost their lead. The Arrows had hoped to stop the Indians again just as they did in their last visit here.

Callighen, reserve defenseman, scored the lone goal midway in the final period after the Arrows had outplayed the leaders most of the time. It was a pass from Waite that enabled Callighen to get in a scoring position. Saunders and Maracle also played well for Springfield, while Garrett did the best work on the forward line for the Arrows. The goaltending by Moore and Roberts was probably the best seen here all season, each man making more than 40 saves. The summary:

SPRINGFIELD — PHILADELPHIA
Maracle, Heximer, lw
rw, Buckles, Garrett, Paulhus
Benson, Grant, Waite, c
c, Andrews, Anderson, King
Saunders, Heller, rw......lw, Hudson, Conroy
W. Wilson, Callighen, ld...rd, Coulter, Paulhus
Siebert, Callighen, rd.....ld, Nichols, Paulhus
Moore, g..........................g, Roberts

Score—Springfield 1, Philadelphia 0. Goal—Callighen for Springfield. Assist—Waite for Springfield. Referees—Carl Jacobs and M. E. Davin. Time—Three 20m. periods.

GLENDON STARTS HIS 25TH ROWING SEASON

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

ANNAPOLIS, Md., Jan. 16—This is Richard A. Glendon's twenty-fifth season as rowing coach at the United States Naval Academy. Twenty-one of these seasons were consecutive up to 1922. A promising squad reported as candidates for the varsity and junior varsity boats, while other oarsmen are now taking part in winter sports.

Of those reporting for the varsity, the following rowed in the first boat last season: J. V. Kieiblbauch '31, A. D. Gray '31, R. P. Hunter '31, W. P. Schoeni '31, and H. E. Shelton '32.

Coach Glendon's first tentative eight was made up as follows: Bow, Espinas; No. 2, Kleiblbauch; No. 3, Gray; No. 4, Chambers; No. 5, Phillips; No. 6, Hunter; No. 7, Schoeni; stroke, Shelton.

COLLEGE BASKETBALL RESULTS

Alfred 36, Hamilton 26.
Augustana 34, Armour Tech 30.
Bucknell 36, Lafayette 27.
Columbia C. 36, Western Union 20.
Dartmouth 45, Vermont 19.
Drew 22, Wagner 18.
Franklin 30, Earlham 26.
Furman 36, Charleston 35.
Johns Hopkins 20, Washington 18.
Lenoir Rhyne 27, Lynchburg 25.
Louisiana State 46, Mississippi C. 34.
Maryland 32, Duke 24.
Middlebury 35, Albany T. 21.
Mt. St. Mary's 29, Baltimore 24.
North Central 31, Wheaton 20.
Pittsburgh 22, Fordham 14.
R. I. State 44, Northeastern 38.
Trinity 27, Coast Guard 19.

LANDIS ARRIVES IN FLORIDA

BELLEAIRE, Fla., Jan. 16 (AP) — K. M. Landis, baseball commissioner, arrived yesterday for the winter season. He announced he would make his headquarters here, but would spend considerable time visiting various baseball camps over the State during the spring training period.

OLDHAM WINS AT PINEHURST

PINEHURST, N. C., Jan. 16—Samuel Oldhar of Philadelphia yesterday won the mid-January target tournament of the Pinehurst Gun Club, a 100-target event, with a score of 96. His handicap was 16.

ILLINOIS FIVE LACKS WEIGHT

Has Speed, However, and Shows Considerable Strength to Date

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

CHAMPAIGN, Ill., Jan. 16—With six lettermen on his 1931 squad, Coach J. C. Ruby thinks that the University of Illinois basketball team will be one of the strongest which has represented Illinois in the Western Conference within recent years. The one thing barring the road of the Illini basketball players, potentially stronger than any "Big Ten" opponent, is the frailty of the squad. C. K. Bennett '33, is the only sturdy player on the squad.

"We'll do well in our early season tests, but later in the season the lack of weight may tell in some of the close games," says Coach Ruby.

This one hampering characteristic gives the Illini one important element—speed. In two preliminary contests this characteristic has shown to advantage, both offensively and defensively. Conference rivals will find the Illinois defense one of the most difficult to score on.

Harper Leads Offense

Offensively, the Illini will be led by Capt. C. B. Harper '31, E. B. Kamp '32, and either G. S. Fencl '32, R. Y. Bartholomew '32, or Bennett. Harper and Kamp will be used with regularity, while Bartholomew appears to be the player who fills the other position to the best advantage. The Illini perform faster and with greater precision with him in the contest.

With Bennett and E. H. May '31 on the sidelines, Coach Ruby will use B. W. Owen '33, for the tip-off plays at center and then have him drop back to a guard position, where his strong defensive play will be a hindrance to many a rival.

The other guard position will be well taken care of by R. L. Kamp '32, a player who has shown more improvement over his play of a year ago than any other man on the Illinois squad. "Bob" Kamp replaces last year's captain, D. R. Mills '30.

Under the Ruby system the Illini may change from center to guard or not, depending which combination of men he uses. V. E. Moore '33, although not now listed as a regular with other players, may play an important part for Illinois later in the season. He will jump center when in the game and his floor work will be of great assistance.

Hadley, Hagerman Reserves

J. N. Hadley '33, and W. K. Hagerman '33, two lightweights on the team, may be used frequently by the Illini mentor for reserve strength, but their stature will keep them off of the regular five. H. R. Hill '31, a letterman of two seasons ago, is in the same class with Hadley and Hagerman.

Following is the remaining schedule of the Illini:

Jan. 17—Indiana at Champaign; 24—Wisconsin at Madison.
Feb. 10—Purdue at Champaign; 14—Iowa at Iowa City; 16—Northwestern at Evanston; 21—Chicago at Champaign; 23—Indiana at Bloomington; 28—Iowa at Champaign.
March 2—Chicago at Chicago.

INTERNATIONAL HOCKEY LEAGUE

	Won	Tied	Lost	Goals For	Goals Agst	Pts
Buffalo	16	1	7	56	32	33
Windsor	11	5	8	65	59	27
Cleveland	11	3	9	67	57	25
London	11	3	10	49	45	25
Detroit	10	1	13	48	58	21
Pittsburgh	8	4	11	55	68	20
Syracuse	7	1	[illegible]	56	77	15

RESULTS JAN. 15
London 1, Windsor 0.
Pittsburgh 5, Detroit 0.

LONDON TIED FOR THIRD

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

LONDON, Ont., Jan. 16—A long shot fired from just outside his own defense zone by Alvin Groh paved the way for a 1-to-0 victory scored by London Tecumsehs over Windsor Bulldogs in a hectic International Hockey League game here last night. The win put London in a tie with Cleveland for third place in the International League race. Two weeks ago London was in fifth position. It was the fourth-straight win for London.

PITTSBURGH DEFEATS DETROIT

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

DETROIT, Jan. 16—Pittsburgh Yellow Jackets defeated Detroit Olympics here last night by a score of 5 to 0, and moved to within one point of the locals for fourth place in the International Hockey League. Pittsburgh scored twice in the first period and three times in the third. It was the fourth-straight defeat for the Detroit team.

JANSEN WINS MIDDLESEX BOWL

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

NEWTON, Mass., Jan. 16—Thomas E. Jansen of the Harvard Club of Boston captured the honors in the Middlesex Bowl squash racquets tournament at the Newton Centre Squash Tennis Club, here yesterday, when he defeated Ralph E. Stuart Jr. of the Newton Centre S. T. C. in the final round. The match was a hard-fought affair, although Stuart won only one game. Jansen won the first two at 15—9 and 15—12, then dropped the third to Stuart at 18—17. Jansen won the fourth and deciding game at 15—12.

LACOSTE MAY PLAY AGAIN

PARIS, Jan. 15 (AP)—J. René Lacoste, who has been missing from international tennis competition since his forced retirement from the Davis Cup squad in the summer of 1929, hopes to return to the courts this year. Commenting on reports from Wimbledon, Eng., that he would compete in the tournament there this summer, Lacoste said it was too early to commit himself definitely, but that if he was fit and could spare the time from his motor business he would play.

ST. ANDREWS CURLERS WIN

St. Andrews Golf Club of New York defeated The Country Club of Brookline at Clyde Park Jan. 15 in a district medal curling match, 15 to 12. This was a preliminary match to the annual invitation bonspeil for the Stockton Cup, which opens Jan. 16. Rinks from New York and Utica, N. Y.; Worcester and Boston, Mass.; Waterbury, Conn., and Quebec will compete.

THREE GOALS IN ONE CHUKKER

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

MIAMI BEACH, Fla., Jan. 16—A new season's polo record was set here yesterday by John Cassidy of Cincinnati, O., who scored three goals in one chukker in a game between the Lambs and the Freebooters. Playing for the Lambs, Cassidy scored six goals in all, enabling his team to win, 11 to 7.

VIRGIL MONUMENT UNVEILED

BAHIA, Brazil, Jan. 14 (By U. P.)—A public monument to Virgil, presented to the city of Bahia by Italian colonists, was unveiled here yesterday by Gen. Italo Balbo, Italian Air Minister, in the presence of thousands of citizens and of the group of aviators who flew the squadron of planes across the south Atlantic last week.

WHEN you purchase goods advertised in The Christian Science Monitor or answer a Monitor advertisement—please mention the Monitor.

Two Shutouts in American League

AMERICAN HOCKEY LEAGUE

	Won	Tied	Lost	Goals For	Goals Agst	Pts
Chicago	12	2	9	51	40	24
Tulsa	11	1	6	61	38	22
Minneapolis	10	1	9	31	37	20
Duluth	10	1	7	36	31	20
Kansas City	9	1	8	31	25	18
Buffalo	6	2	8	26	34	12
St. Louis	2	0	13	19	50	4

RESULTS JAN. 15
Buffalo 3, Tulsa 2.
Minneapolis 1, St. Louis 0.
Duluth 2, Kansas City 0.

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

MINNEAPOLIS, Minn., Jan. 16—The Minneapolis hockey team defeated St. Louis here last night in an American Hockey League game by the score of 1 to 0. Manager Dwan of Minneapolis shifted his lineup for the game with St. Louis, and the change showed to good advantage in defeating the visitors.

Norman Collings, right wing, who was getting his first trial on the first line, scored the lone goal for Minneapolis on a pass from Johnson, center, late in the second period. The change in the Minneapolis lineup sent Capt. Fred Gordon to center on the second line. Herb Reaume, new goalie for St. Louis, saved the visitors from a one-sided defeat by his great defensive work, especially in the third period, when he stopped 18 shots of the Minneapolis men. The summary:

MINNEAPOLIS — ST. LOUIS
Redding, Lessard, lw
rw, Pattendon, Hill, Boileau
Johnson, Gordon, c..........c, Goyer, O'Neil
Collings, Carbol, rw....lw, Cameron, Jackson
Munro, Burland, ld.......rd, Creasey, Kendall
Coutu, DePaul, rd...........ld, Clark, Singer
Levine, g..........................g, Reaume

Score—Minneapolis 1, St. Louis 0. Goal—Collings for Minneapolis. Assist—Johnson for Minneapolis. Referee—Edward O'Leary. Time—Three 20m. periods.

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

TULSA, Okla., Jan. 16—Buffalo made it two straight and finished its American Hockey League season play here on even terms with the fast-skating Oilers by winning the torrid series finale here last night, 3 to 2, before 3500 wildly cheering fans.

Two goals in the second period and another in the third took away victory for the easterners after the desperate fighting Tulsans had taken the early lead with Gus Marker's first-period goal and then added another late in the final session, when Buffalo was playing two men short.

BUFFALO — TULSA
Bouchard, St. John, lw
rw, Marker, Wakeford
Thorsteinsen, Mills, c.....c, Keats, Sheppard
Morrison, Desy, Heyd, rw
lw, Lafrance, Moffatt, Metcalfe
Rennie, Donnelly, ld...........rd, Williams
Ostman, Breen, rd..........ld, Hansen, Trapp
Stark, g..........................g, McCusker

Score—Buffalo 3, Tulsa 2. Goals—Thorsteinsen, St. John, Breen for Buffalo; Marker 2 for Tulsa. Assists—Bouchard, Desy for Buffalo; Hansen, Lafrance for Tulsa. Referees—Charlie Uksila and Jim Seaborn. Time—Three 20m. periods.

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

DULUTH, Minn., Jan. 16—Duluth squared its account with the Kansas City Pla-Mors by winning a hard American Hockey League contest by a 2-to-0 score here last night. Both goals were made during a thrilling third period after the two sextets had battled it out on even terms throughout two full periods. Despite the shutout score, Kansas City played a fast, brilliant game and was a constant scoring threat.

Charlie Langlois, Duluth defenseman, was the dominant figure in the Hornet scoring, assisting on the first goal scored by Red Green at 8m. 2s. of the third period, and converting Leswick's pass at 10m. 48s. into Duluth's second goal. The summary:

DULUTH — KANSAS CITY
Green, Forslund, lw
rw, McCormick, Dunfield, Halderson
Scott, Leswick, c.........c, Campbell, Mitchell
Gibson, Merrill, rw
lw, Goodman, Ranger, Healey
Davis, ld..............................rd, Jamieson
Bergl, Langlois, rd...................ld, McLeod
Turner, g..............................g, Byrne

Score—Duluth 2, Kansas City 0. Goals—Green, Langlois for Duluth. Assists—Langlois, Leswick for Duluth. Referee—William O'Hara. Time—Three 20m. periods.

LATTICEWORK METAL MASTS

Two American Class M Sloops, Prestige and Valiant, to Try New 'Sticks'

NEW YORK, Jan. 16 (AP)—Two big American yachts this season are going one step ahead of the Enterprise, which successfully defended the America's Cup in 1930 with the aid of several much discussed innovations in rigging.

Two Class M sloops, Harold S. Vanderbilt's Prestige and Commodore Winthrop W. Aldrich's Valiant, will replace their present hollow wood masts with latticework metal masts with cloth coverings, according to plans announced by W. Starling Burgess, designer of the rigs. These innovations surpass even the famous metal mast of the Enterprise. Both owners were members of the cup defender's crew last summer.

In addition to a saving of more than 400 pounds through the use of the duraluminum latticework, the rigging aloft is to be made 10 per cent lighter by the use of "preformed" wire cable, while wind resistance will be reduced to a minimum by having most of the rigging inside the mast, including all the sheaves for the halyards and other gear and even the turnbuckles of the standing rigging. The lattice construction, together with "zipper" openings in the cloth covering, will permit access to the inside of the masts.

Various other innovations, including many of the famous "mechanical" features of the Enterprise and some new ones, will be seen in the two yachts.

SPEED LINE PROPOSED OVER CAMDEN BRIDGE

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

PHILADELPHIA, Jan. 15 — Pennsylvania's immediate enactment of legislation to promote the construction of a high speed line over the Delaware River Bridge between Philadelphia and Camden will be urged upon the incoming Governor by representatives of five business men's associations of this city.

The plan for the line makes use of track space over the Delaware River Bridge that has never been used, and also includes the provision of adequate street approaches to the bridge that will relieve traffic congestion, at present unavoidable because of the narrow streets leading up to it.

MACK AND SHIBE HEAD SOUTH

PHILADELPHIA, Jan. 16 (AP)—Although it was the second coldest morning of the winter in Philadelphia, there was a sign that spring is just ahead. It was Connie Mack and Thomas S. Shibe starting to the southland to prepare for the spring training practice of the world champion Philadelphia Athletics.

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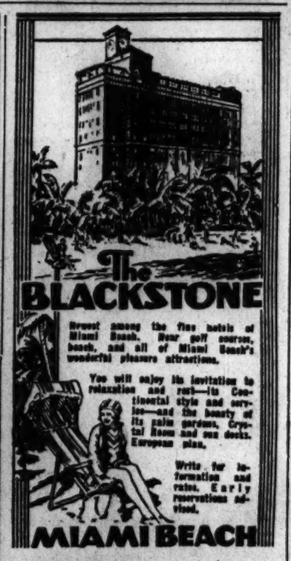

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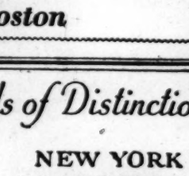

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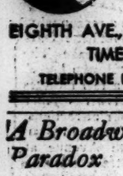

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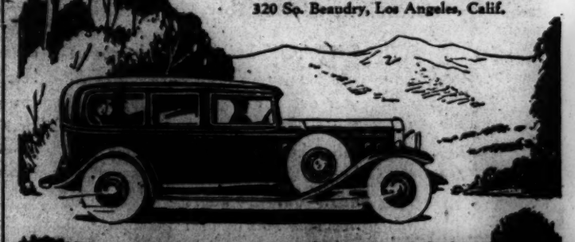

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AMONG THE RAILROADS

By FRANKLIN SNOW

WORLD speed records are coming gradually to American and Canadian railroads, with the New York Central Lines and Canadian National Railways making the most spectacular runs in the world, considering distance. This statement need no longer be qualified by the usual, "taking account of the added weight of the trains on this side of the Atlantic."

The fastest long-distance runs are those of the Southwestern Limited and the Knickerbocker, of the New York Central, which average 50.3 miles per hour from St. Louis to New York—1156 miles. Between St. Louis and Cleveland, the former averages 52.6 miles an hour, in running 536 miles in 10 hours, 11 minutes. The next train, in point of noteworthy performance, is the Canadian Nationals' International Limited, averaging 55.7 miles an hour for its six-hour, Montreal-Toronto run of 334 miles. The Wolverine, of the Michigan Central, averages 57.3 m. p. h. for a 251-mile run between Buffalo and Windsor.

Again on the New York Central, the Empire State runs from Harmon to Albany, 110 miles, in 116 minutes, or 56.9 miles an hour, while the run from Harmon through to Buffalo—402 miles—is made at an average speed of 53 miles. This train runs 35 minutes faster than the Twentieth Century Limited on its run between New York and Buffalo.

Other fast trains are the Pennsylvania's Congressional Limited, averaging 51.3 miles for the 226-mile, New York-Washington run northbound; also, the Boston & Maine's Flying Yankee, running 51 m. p. h. for the 115-mile nonstop Boston-Portland run. Abroad, the only comparable run for an extended distance is that of the London-Carlisle train of the London - Midland - Scottish, which averages 52.1 miles an hour for a run of 301 miles.

Newspapers on Trains

Carrying of copies of The Christian Science Monitor, temporarily suspended on the Lehigh Valley Railroad, has been resumed, the trains including the Black Diamond Express, day-train between New York and Buffalo through the scenic "Switzerland of America," and the New Yorker, now a 24-hour train to Chicago, leaving New York at 4:30 p. m. Both these trains operate from the Pennsylvania Terminal, New York.

Winter Sports Specials

Sunday excursion trains to points where winter sports may be enjoyed have been inaugurated by the Boston & Maine Railroad, from Boston. The trains will run to the point at which the ice and snow are most attractive, the destination to be announced Thursdays. Facilities for carrying skis, snowshoes, toboggans and equipment are available. The train will be held intact during the day, the locomotive providing heat for the "outing club," while a cafe car will be attached to serve meals.

The New York Central Lines also have announced the opening of the new Winter Stadium at Lake Placid, where a 400-meter skating track and hockey rinks, flood-lighted for use evenings, are among the attractions.

Desert Resorts

The American Desert—long regarded by travelers as a tedious part of a transcontinental journey, despite its changing colors, its giant cacti, and the impressive silence of its vast reaches—is suddenly coming into its own. The lure of the desert is, in fact, calling travelers from distant points, who spend a month or a winter in the luxury of the most modern hotels, or at guest ranches, while the desert itself is on all sides of them.

Both the Santa Fe and the Rock Island are pointing to faster service, and room cars, to such points as Palm Springs, Phœnix, Santa Fe and Death Valley, while Winslow and other towns on the Santa Fe lines benefit by new Harvey hotels.

Building Good Will

Perhaps there is a thought for railroads in the novel method devised by a New York department store to cement friendly relations with its customers. The company in question, Lord & Taylor, presents to persons offering a constructive suggestion a plaque which it terms the "medal of honor" won by such correspondents. This practice is not generally known, but the system thus developed by Samuel W. Reyburn, president of the company, offers the opportunity of promoting a friendly understanding, for the plaque not only is suitably inscribed, but is an object of art as well as utility.

Boat Trains

The Great Western Railway of England recently established a record for the Plymouth-London boat-train when the connection with the steamship Paris of the French Line made the 227-mile run in 237 minutes. This was an average of 57.5 miles an hour, and at times the speed reached 85 miles.

Of Interest to Travelers

Through sleepers have recently been established between the Twin Cities and San Antonio, via the Chicago-Great Western and Missouri-Kansas-Texas, on approximately a 43-hour schedule, by way of Kansas City and Fort Worth.

Copies of The Christian Science Monitor are carried in the trains of both these roads.

Boston Art Notes

Doll & Richards

Omer Lassonde, recently returned from Samoa, is exhibiting oil paintings of the islands at Doll & Richards gallery. Originally of Concord, N. H., the artist has studied in America and Europe. He has received several awards.

Tropical country serves as a good model for the scenic imagination of Mr. Lassonde. The verdant fields, the opulence of the palms, the mountainous highlands offer stimulating subjects to the artist. He applies the pictorial mold, this time with the modern method of stressing volume, simplifying the design by reduction to a series of receding planes carefully blocked out.

Mr. Lassonde paints with the freshness and dynamics of the artists of the French school. He has learned from them the importance of intelligent simplification, the beauty of clear color, the enrichening effect of the luminous surface. He has a flair for the decorative potentialities in the subject.

Lamson & Hubbard

In the gallery of Lamson & Hubbard in Boylston Street, there is being shown work by students of the International Art Center of the Roerich Museum of New York.

Designs for murals are the chief display. They are made with careful calculations which are applied to the ornamental arts, especially those connected with decorating large spaces. The students have worked out themes, some Biblical, distributing details with a view to surface beauty.

Talent is revealed in different degrees, talent for drawing, for design. The original manner used by one or two for conventionalizing the human form is entertaining. Colors applied by others are subtle in choice and modulation.

The Casson Galleries

Portraits made in England during the eighteenth century are on view at the Casson Galleries in Copley Square. Among others to be seen are those by Raeburn, Gainsborough, Hoppner and Lawrence.

The dignity and refinement typical of this period have been conveyed unmistakably to these canvases. Portraitists had an efficient technique, but they had more, that important quality which communicates aristocracy to the model. These are the forbears of the modern society painter.

D. A.

POULTRY MEN SEEK REPORTS ON PRICES

Massachusetts poultry men are disturbed over conditions under which poultry is sold in the Boston market and have appealed to the State Department of Agriculture, according to Harry L. Piper, editor of the Agricultural News. They have asked, he says, for wholesale price reports on poultry products similar to reports received by the fruit and vegetable growers.

"Dressed poultry is largely a by-product of the poultry men's business, their chief industry being that of raising eggs," Mr. Piper says. "However, the poultry amounts to a considerable part of their income. The poultrymen who raise a large number of chicks each year have broilers to dispose of during the summer months, they have old hens to sell when the pullets go into laying houses in the fall, and they have surplus cockerels and roosters to sell at various seasons. In the absence of any regular price reporting service they are not in a position to determine whether or not the prices they receive are fair."

Radio Tonight

EASTERN STANDARD TIME

WEEI, Boston (590kc-508m)

5:00 p. m.—Talk.
5:15 WEEI String Ensemble.
5:55 "Old Painter."
6:00 Big Brother; Harmonica Symphony; Radio Rascals.
6:30 Time; barometer; thermometer; news.
6:45 NBC, "Uncle Abe and David."
7:00 WEEI organist, Del Castillo.
7:15 Editorial News Review.
7:30 "Buddy and Blake" sketch.
8:00 NBC, Jessica Dragonette, soprano; Cavaliers Quartet; orchestra direction of Rosario Bourdon.
9:00 NBC, Harry Reser's Orchestra.
9:30 NBC, Enna Jettick Songbird: soloist; orchestra.
9:45 NBC, Southern sketch.
10:00 Earle Nelson and John Herrick, soloists; dance orchestra; male trio.
10:30 NBC, Vaudeville half hour: Kate Smith, Phil Cook, and others.
11:00 E. B. Rideout; news.
11:15 Vocal duo; time.

WBZA and WBZ, Boston and Springfield (990kc-303m)

5:00 p. m.—NBC, Sarat and Lota, East Indian musicians; dance orchestra.
5:30 Stocks; agricultural markets; time; weather.
6:04 Radio Digest Feature.
6:15 Daniels and Sinatra, piano duo.
6:30 Thrift talk.
6:45 NBC, Lowell Thomas, Topics in Brief.
7:00 Time; NBC, "Amos 'n' Andy."
7:15 Prudence Musical Hits.
7:30 NBC, Phil Cook.
7:45 NBC, Phil Spitalny's Orchestra.
8:00 NBC, "The Foursome," male quartet; Nat Brusiloff's Orchestra.
8:30 Ivanhoe Orchestra.
8:45 NBC, Nancy Carroll, screen player, guest soloist; male trio; orchestra.
9:00 NBC, Billy Jones and Ernest Hare; dance orchestra.
9:30 NBC, Irvin S. Cobb, guest speaker; mixed chorus; orchestra.
10:00 NBC, Lois Bennett, soprano; Mary Hopple, contralto; quartet; orchestra.
10:30 Temperature; sketch, "Ambergris," with Kendall Weston.
11:00 Time; weather.
11:03 Tom Clines's Statler Orchestra.
11:30 Sketch, "Dazed Studio Days"; time.

WNAC, Boston (1230kc-244m)

5:00 p. m.—Ted and his Greater Gang.
5:15 "Steamboat Bill": orchestra.
5:30 CBS, Bookhouse Story time.
5:45 Popular program; time.
6:00 Shepard Stores Melodists.
6:15 The Spotlight Review.
6:30 Musical Sports Digest.
6:45 "Melody Mirror."
7:00 CBS, Morton Downey and orchestra.
7:15 CBS, Howard Lanin's orchestra.
7:30 CBS program.
7:45 "Books and Authors," Edwin F. Edgett.
8:00 CBS, Grand Opera Miniature: soloists; mixed quartet; concert orchestra.
8:30 CBS, Soloists; quartet; orchestra.
9:00 CBS, Magazine sketches.
10:00 CBS, Columbia Male Chorus.
10:30 CBS, Nit Wit Hour: sketch.
11:00 Time; news; weather.
11:15 CBS, "California Melodies."
11:30 Jacques Renard's Mayfair Orchestra.
12:00 CBS, Bert Lown and his orchestra.
12:30 a. m.—CBS, Ann Leaf, organist.

WHDH, Boston (830kc-361m)

5:15 p. m.—"Piano Melodies."
5:30 Fishermen's Program.
5:45 "The Monitor Views the News."
6:00 Organ; temperature; time.

Tomorrow's Features

WEEI

8:00 a. m.—NBC, the Early Birds.
8:30 a. m.—NBC, "Cheerio."
9:00 a. m.—Organ; soloist.
9:30 a. m.—NBC, Orchestra; soloists.
9:45 a. m.—Organ recital.
10:00 a. m.—NBC programs.
11:30 a. m.—NBC, "Keys to Happiness": Sigismund Stojowski, pianist.
1:45 p. m.—Studio music.

WBZA

7:30 a. m.—NBC programs.
9:00 a. m.—Studio and musical.
12:30 p. m.—NBC programs.
3:30 p. m.—Studio and musical.

WNAC

6:30 a. m.—Studio and musical.
10:00 a. m.—CBS programs.
12:00 noon—Studio and musical.
2:15 p. m.—CBS programs.
3:30 p. m.—Women's Federation.
4:00 p. m.—CBS programs.

BOSTON MAN CALLED TO CUBA

Arthur M. Hull, foreman of the Maritime Coal Company, division of the City Fuel Company, in charge of bunkering ships at Boston for many years, has been made manager of the Havana Coaling Company, Havana, Cuba. Havana is an important bunkering port for ships of all nations. Both the City Fuel Company and the Havana Coaling Company are affiliated with the Berwin White bituminous interests.

The Dialer's Guide

Features followed by sponsor and network in parenthesis. "CBS," "CBS Chicago" and "CBS Pacific" are general networks of Columbia Broadcasting System. "WEAF Chain," "WJZ Chain," "NBC Chicago" and "NBC Pacific" are networks of National Broadcasting Company. These are followed by "—T" when coast-to-coast hookup is employed. When only single station is used its call letters will be given. All time is eastern standard except "Chicago" and "Pacific," which are given in respective times. All time p. m. unless otherwise stated.

FOR SATURDAY, JAN. 17

Dramatic Sketches and Music

Uncle Abe and David (WEAF Chain). "Down East" partners. 6:45.
Amos 'n' Andy (WJZ Chain). 7. NBC Chicago and Pacific. 10, 8.
"Sneep and Peep" (WEAF—T). Correspondence school detectives. 7:30.
Rise of the Goldbergs (WJZ Chain). Popular Hebrew radio family. 7:30.
"The Silver Flute" (WEAF Chain). A play within a play. 8:30.
"The Campus" (WJZ Chain). Adventures of Dick Trevor, freshman. 9.
"Ingomar the Barbarian" (CBS—T). Story from the German in Hank Simmons period. 10.

Orchestral

Black and Gold Room Orchestra (WEAF—T). Grainger, Chopin, Strauss, Luigini, Massenet, and lesser-known composers. 6:02.
Symphony Orchestra, Walter Damrosch, conductor; Floyd Gibbons (WEAF—T). Spinning Wheel of Omphale (Saint-Saëns); Andante Con Moto, Symphony No. 3 (Brahms); Iphigenia's Farewell (Damrosch); Concerto in Jazz (Braine), Rafael Galindo, violin soloist; Cavalry Ride (Rubinstein). 9.
Ludwig Laurier's Slumber Music Ensemble (WJZ Chain). Characteristic music of the East and Far East by non-Oriental composers. 11.

Rhythmic Music

Audrey Marsh, soprano; Larry Murphy, tenor; Henry Burbig, dialect comedian; Freddie Rich's Orchestra (CBS). 7:30.
Arthur "Bugs" Baer, master of ceremony; Welcome Lewis, contralto; Harold Van Emburgh, tenor; orchestra (WEAF—T). Fifteen minute "Varieties" period. 8:15.
Earle Spicer, baritone; Arthur Schutt, pianist; male quartet; Don Voorhees's Orchestra (Fuller—WJZ—T). Gershwin medley. 8:30.
Fletcher Henderson and his orchestra (CBS—T). Race band. 8:30.
Guy Lombardo's Royal Canadians (CBS—T). 11:30.
Horace Heidt and his orchestra; Little Jack Little; Rudy Vallee and his orchestra (WEAF Chain). 11:15, 11:45, 12.

Talks

Lowell Thomas (WJZ Chain, CBS). 6:45, 8.
Laws That Safeguard Society (WEAF—T). Dean Archer discusses the rights of a police officer. 7:15.
"The Highroad of Adventure" (WEAF—T). Gilbert E. Gable, explorer. 7:45.
National Radio Forum (CBS—T). Political Washington. 9:30.

Vocal and Instrumental

Agatha Turley, soprano; concert orchestra, Charles Hart, conductor (WJZ—T). Forty-five minutes Pacific Feature Hour, classical program from west coast. 4:15.
Lannie Ross, tenor; string trio (WEAF Chain). Balladry in "Troubadour of the Moon" period. 11.

Grand Opera

Chicago Civic Opera Company (WJZ Chain). One hour. 10.

Band Music

Concert Band, Edward D'Anna, conductor (CBS). From Hotel Niagara, Niagara Falls, N. Y. 9.

Characteristic Music

Pickard Family (WJZ Chain). "Alice Blue Gown," by Baby Ann, in group of Southern and hill billy selections. 7:45.
"Dixie Echoes" (CBS—T). Negro spirituals by Negro voice group. 8.

FOR SUNDAY, JAN. 18

Orchestral

Special Roxy Symphony Orchestra, Erno Rapee, conductor (WEAF and WJZ—T). Orchestra of 200 players directly from stage of Roxy Theater for benefit of unemployed members of the local New York Musicians' Union, replacing 2 o'clock period. 11 a. m.
New York Philharmonic Symphony Orchestra, Arturo Toscanini, conductor (CBS—T). Last concert by Toscanini from Carnegie Hall before Bernardino Molinari, his fellow countryman, takes up the baton for a month. Toscanini will be heard again on the air March 1. 3.
"A Musical Moment" (WJZ Chain). Program of compositions of Justin Elie, Haitian composer, the composer conducting orchestra. 6:15.
Detroit Symphony Orchestra, Victor Kolar, conductor; Edgar Guest (CBS—T). From Orchestra Hall, Detroit. 9:30.
Ludwig Laurier's Slumber Music Ensemble (WJZ Chain). To clear up several questions: This is the only evening Slumber Music is sponsored and only evening when it is on a half hour earlier. 10:30.
St. Louis Symphony Orchestra, Enrique Arbos, conductor (KMOX). One hour from the Odeon, St. Louis. 5.

Soloist and Orchestra

Mme. Frances Alda, soprano; concert orchestra, Josef Pasternack, conductor (WEAF—T). Four highly restricted arias from Puccini's operas by Mme. Alda, two from "La Boheme." "Love and Music," from "Tosca" and "Some Day He'll Come," from "Mme. Butterfly"; two groups of ballads including a "Maori Song" of her native New Zealand, and "Home, Sweet Home." 9:15.
Manhattan Symphony Orchestra, Henry Hadley, conductor; Patricia O'Connell, soprano (WOR). From St. George's Church. Premières of "Four Musical Impressions" of William H. Woodin, car and foundry head, and "Scandinavian Romance" of Louis Ehret, realtor. 9:30.

Vocal Ensembles

The Pilgrims, mixed sextet (WEAF—T). 12 noon.
Edward Elgar's "Gerontius" (WEAF—T). National Oratorio Society. 1.
Cathedral Hour (CBS—T). Religious music. 2.
Musical Crusaders (Canadian Pacific—WJZ Chain). Old English program. 4:15.
"Your Eyes" (WJZ Chain). References by quartet and ensemble. 4:45.
Mixed quartet (Enna Jettick—WJZ—T). Familiar ballads. 8. NBC Pacific. 9:30.

Vocal and Instrumental

Mixed chorus; organ; string ensemble (WEAF Chain). Hour of favorites. 5.
Soloists; Nathaniel Shilkret's Orchestra (WEAF—T). Half hour. 7:30.
Major Bowes Capitol Theater Family (WEAF Chain). Half hour. 8.

Rhythmic Music

Josef Koestner's Orchestra; soloist (WJZ Chain). Half hour. 7:30.
Bernice Claire, musical comedy and talkie player; Dave Rubinoff's Orchestra (WEAF Chain). Romberg, Friml and Herbert by Miss Claire. 8:30. Irving Kennedy, quartet and orchestra, NBC Pacific. 9.
Jesse Crawford, organist; Paul Small, tenor; instrumentalists (CBS—T). 10.
Jean Goldkette's Champions (Studebaker—WEAF—T). Oh, that more popular music periods were constructed with the care that this one is! Let Studebaker remember, too, in making up further programs that this is one of the times when even those who like to dance would sometimes rather listen. 10:15.

Characteristic Music

Neapolitan Days (WEAF—T). Italian soloists, accordion and mandolins. 12:30.
"Red Lacquer and Jade" (WOR). Oriental philosophy and idiomatic music. 5:30.
Around the Samovar (CBS—T). Peter Biljo's Balalaika Orchestra and soloists. 9.
The Gauchos (CBS—T). A gaucho is an Argentine cowboy. A proper mood for this program might be singing "Rock Candy Mountain" imparting a tango rhythm. 10:30.

Dramatic Sketches and Music

"Alexander the Great" (WEAF—T). Big Brother Club. 7.
"Robert E. Lee" (WJZ—T). The great general torn between state and country. Cast of Broadway actors. 7.
"Sunday at Seth Parker's" (WEAF—T). 10:45.

Recitalists

John Barclay, baritone; Dagmar Rybner, pianist (WEAF—T). Songs of Hugo Wolf, contemporary Austrian composer, conceded to be in a class with Schubert, Schumann and Brahms. 12:15.

Talks

"Our Government" (WEAF Chain). David Lawrence. 9.
World Adventures with Floyd Gibbons (WJZ Chain). Fifteen minutes. 9:30.

Chamber Music

Roth String Quartet (WEAF Chain). Library of Congress musicale. 3.

Popular Vocal

Little Jack Little (WJZ Chain). "Here 'tis." Fifteen minutes. 1:45.
Carleton Coon and Joe Sanders, voice and piano (WJZ Chain). 4.

General Classified

Advertisements under this heading appear in all editions of The Christian Science Monitor. Rate 60 cents a line. Minimum space four lines. An application blank and two letters of reference are required from those who advertise under a Rooms To Let or a Situations Wanted heading.

HELP WANTED—WOMEN

AMBITIOUS women can earn $5c an hour; part or full time; take orders children's, ladies' dresses and lingerie; commission basis; no experience needed; pleasant, dignified, profitable work. Write JANALENE, INC., Dept. 33-3, Indianapolis, Ind.

HOMES WITH ATTENTION

The Maples
BROOKLINE, MASS.
A home with surroundings quiet and harmonious, where guests may have experienced care if needed, or come for rest and study. (Under management of Mrs. Minnie J. Carter for the past 12 years.), State Maternity License. 12 Mason Terrace. Regent 1030. Asp. 6419.

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THE AMERICAN MAGAZINE
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Both, one year, $3.00
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We place subscriptions for all magazines, and can help you to make substantial savings on many. Catalog mailed on request. HARRY O. ALEXANDER, Magazine Subscription Service, Glens Falls, New York.

PRINTING

$1.00 STATIONERY, 200 sheets 6"x7" and 100 envelopes, fine quality, neatly printed with your name and address. Send $1.00. WINSLOW PRESS, Winchester, Massachusetts.

SITUATIONS WANTED—MEN

ELECTRICAL engineer, wide experience in transmission and distribution work, public utility and industrial, supervisory design and construction, overhead and underground; available Feb. 1; willing to go abroad. Address: ENGINEER, 511 Wabash Building, Pittsburgh, Pennsylvania.

Local Classified

Advertisements under this heading appear in this edition only. Rate 30 cents a line. Minimum space three lines, minimum order four lines. (An advertisement measuring three lines must call for at least two insertions.) An application blank and two letters of reference are required from those who advertise under a Rooms To Let or a Situations Wanted heading.

APARTMENTS TO LET

BOSTON, Back Bay—3-room kitchenette suite overlooking Fenway; rent reasonable. 204 Hemenway St.

FOREST HILLS, L. I., N. Y.
Holland House, 14 minutes Penn. Station; 10 stories, fireproof; 2, 3,—4 spacious rooms; $1000 to $3100 year; maid service.

N. Y. C., 324 West 101st St.—Entire floor, living room, bedroom, kitchen, bath, gas and electricity; high class private house.

NEW YORK CITY—Attractive two rooms, fireplace, light, convenient, inexpensive. Phone Medallion 9077.

The Ambassador
1737 Cambridge Street
Near Harvard Sq., Cambridge, Mass.
UNFURNISHED DINETTE AND KITCHENETTE SUITES
1-room, $60 to $65 a month; 2-room, $80 to $95; 3-room, $110 to $120.
SINGLE ROOM WITH BATH
and inner door beds, $30 a month.
Also furnished rooms and suites with rates on application for either transient or permanent guests.
Grille Spacious Lobby Elevator Service
R. W. SEYMOUR, Manager
Formerly of Hotel Statler

BOARD FOR CHILDREN

[illegible] welcomes children; country and seashore; 35 acres; playground; scientific care combined with love and understanding. EDITH L. GAPEN, North Scituate, Mass. Tel. Scituate 377.

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AFTERNOON, evening gowns made to order, also remodeling. [illegible] Eaton Ave., Brooklyn, N. Y. Apt. 1.

EXPERIENCED dressmaker, fitter, by the day. Box W-2, Room 1804, 270 Madison Ave., New York City.

GOWNS REMODELED OR ALTERED
We re-create your old gowns to conform to the newest FASHION.
Tel. Endicott 0[illegible] for appointment (N. Y. C.)

DRIVING INSTRUCTION

PRIVATE driving lessons on your own car, or car furnished. O. L. DYER, 75 Exchange St., Lynn. Breakers 8147, or 6 Grove St., Reading 0982.

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For Reliable Attendants
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ALICE M. RUDISILL
Commercial Opportunities for Men and Women
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LOUISE C. HAHN—Opportunities for men and women seeking office positions. 280 Broadway, New York City. Telephone Worth 2-3080.

MRS. J. E. CURTISS—Formerly manager employment department Remington Typewriter Co.; business opportunities for men and women. 158 W. 45th St., New York City. Bryant 8835.

GENEALOGY

MRS. ARTHUR H. ALGER
1015 Washington Street, Newtonville, Mass.
Member of N. E. Historic Genealogical Society; family lineages traced; charts prepared.

Third Cabin Travel Shows Big Increase

Tourist third cabin accomodations on transatlantic liners have become a recognized and important feature of ocean travel.

Since the United States restricted immigration a few years ago, practically banishing the profitable steerage business of steamship companies, the shipping world turned to ways and means of building up new patronage. The tourist third cabin appealed particularly to teachers, students and a class of people that otherwise would probably not indulge in ocean travel.

Figures for ocean traffic in 1930, just compiled show that 60,522 passengers traveled across the Atlantic in both directions in tourist third-class accomodations on vessels of the White Star, Red Star and Atlantic Transport Lines.

This group is owned or operated by the International Mercantile Marine Co., the Boston office of which announced today that 1930 was the sixth successive year that the associated lines of the company carried more tourist third-cabin passengers than any other line or group of lines. The figures for 1930 represent an increase of more than 5000 over the previous record, established in 1929.

Radiocasts of Christian Science Services

FOR SUNDAY, JAN. 18

PROVIDENCE—First Church of Christ, Scientist, 10:45 a. m., E. S. T., WJAR, 890kc-337m.
NEW YORK—Eleventh Church of Christ, Scientist, 11 a. m., E. S. T., WPCH, 810kc-370m.
PHILADELPHIA—First Church of Christ, Scientist, 11 a. m., E. S. T., WPEN, 1500kc-200m.
BALTIMORE—First Church of Christ, Scientist, 11 a. m., E. S. T., WCAO, 600kc-500m.
WASHINGTON, D. C.—First Church of Christ, Scientist, 8, E. S. T., WJSV, 1460kc-205m.

COMMERCE HEAD REELECTED

CHICAGO, Jan. 15 (AP)—Col. Robert Isham Randolph was reëlected president of the Chicago Association of Commerce yesterday by the largest vote ever recorded by the organization.

Local Classified

Advertisements under this heading appear in this edition only. Rate 30 cents a line. Minimum space three lines, minimum order four lines. (An advertisement measuring three lines must call for at least two insertions.) An application blank and two letters of reference are required from those who advertise under a Rooms To Let or a Situations Wanted heading.

HELP WANTED—WOMEN

A NATIONALLY known organization has an attractive position open for a cultured, well-educated woman; exceptional income and future progress for one who desires to succeed; must be over 30; state qualifications and phone number in first letter. Write to MR. MONTGOMERY, 1111 Canada Permanent Bldg., Toronto, Ontario.

NEGRESS to clean apartment Friday afternoons. Call Haymarket 1162, Boston.

RESTAURANT cashier, competent, capable of assisting with books and ambitious to train for assistant manager; Grand Central section of New York City. Address particulars about yourself to Box F-3, Room 1804, 270 Madison Avenue, New York City.

MOVING AND STORAGE

LONG distance moving, house to house moving, packing, shipping, storage; work guaranteed; 30 years' experience. N. E. AUTO VAN CO., N. Stacey, Mgr., 423 Brookline Ave., Boston. Asp. 3907. Uni. 3795-W.

OFFICE EQUIPMENT

ALL office machines bought, sold, rented and repaired; also supplies. ABBIT TYPEWRITER CO., 348 Canal St., New York (Walker 5-5496).

OFFICES TO LET

NEW YORK CITY, 42nd St., 100 East, Room 1514—Will share or rent attractive private office; references required.

PAINTING AND DECORATING

DECORATIVE and plain painting; newest wall textures and paperhanging. PAUL PHILIPOFF CO., 71 Chestnut St., Boston. Phone shop, HAY. 1469. Phone residence, COM. 3790.

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SILVER BIRCHES
Lake Ronkonkoma, Long Island, N. Y.
Artistic and cultured environment for study and recreation. Excellent cuisine and moderate prices. Ronkonkoma 18.

PIANO TUNING

GUARANTEED AND EXPERT PIANO TUNING
MARCEL RIOU, 2053 45th St., Astoria, Long Island, N. Y. Tel. Astoria 10171.

PRINTING

200 LETTERHEADS, $2.00; envelopes, cards, bills, same; combination $7.00; announcements, programs, menus, booklets, by-laws; church and lecture work; everything reasonable; good work; good service. CALL PRINTING CO., 13 E. 16th St., New York City. ALgonquin 4-6147.

REAL ESTATE

ATLANTIC CITY, N. J.—For sale house 8 rooms, 3 baths, basement apartment with store front; reasonable. MRS. KLINE, 22 S. Delaware Ave.

ROOMS AND BOARD

BROOKLINE, MASS., near Coolidge Corner—Two sunny rooms, one with alcove; home cooking. Telephone Aspinwall 2166.

ROOMS TO LET

ASK MISS ROLFE
Rooms in select homes $7.00 up.
504 W. 112th St., New York City Cathedral 9649

BOSTON, 216 Hemenway St.—Small quiet room, next to bath, $5. Telephone Kenmore 3838.

BOSTON, 142 Hemenway St., Suite 5—Sunny front room, attractively furnished.

NEW YORK CITY, 316 West 95th St. (31)—Charming single rooms, running water, clothes closet, $8; small $6. Riverside 9-6176.

N. Y. C., 605 W. 112th (Columbia District)—Sunshiny, comfortable, running water; business man or woman; references. Cathedral 8-4268. DREW.

N. Y. C., 340 West 86th—Large, comfortable, private lavatory, toilet, bath, telephone, elevator; exceptional; reasonable; only room; private family.

N. Y. C., 517 W. 113th St., Apt. 54, Near Columbia University—Light, comfortably furnished bedroom adjoining bath in private apartment.

NEW YORK CITY, 87 West 58th Street, Apt. 8B—Gentleman share with gentleman well-appointed apartment; 3 rooms; piano; $10.

NEW YORK CITY, 2647 Broadway (100th St.)—Small room, $6.75; convenient transportation. Tel. Riverside 9-4185. MITCHELL.

NEW YORK CITY—Share cozy apartment with business women; bright rooms, $7-$8; privileges if desired. Cathedral 8-3313.

NEW YORK CITY, 510 West 112th, Apt. 71—Two delightful, sunny rooms, private home, $8 and $9. Cathedral 8209.

NEW YORK CITY, 529 W. 111th St., Apt. 56—Small room nicely furnished, $6; elevator, steam heat. Cathedral 8-4092.

SITUATIONS WANTED—MEN

ACCOUNTANT—Competent, office manager, bookkeeper or auditor; 20 years' experience financial statements and office work; first-class recommendations. T-29, The Christian Science Monitor, Boston.

CHAUFFEUR-VALET (colored); 10 years' driving experience; city or country. HARRY OWENS, 2458 7th Ave., N. Y. C. Tel. Edgecombe 1227.

DEPARTMENT STORE MANAGER—Executive, fine record employed, but changing for good reason; wishes a settled connection. Box D-1, Room 1804, 270 Madison Avenue, New York City.

EXCELLENT COOK-CHEF of wide experience, age 39, desires to serve. RICHARD MAURER, 21 W. 83rd St., N. Y. C. SUsquehanna 7-8393.

EXPERIENCED chauffeur, salesman, clerk, 35, good education, private family or established business concern; references. G-63, The Christian Science Monitor, Boston.

HOTEL manager, thoroughly experienced all departments, now employed, desires new connection with opportunity for expansion; service available March 1st; prepared to invest reasonable sum if necessary. Box L-3, Room 1804, 270 Madison Avenue, New York City.

REAL ESTATE—MANAGING, renting, collecting; many years' experience, dwellings; service first consideration; references. Box W-3, Room 1804, 270 Madison Ave., New York City.

YOUNG MAN with background desires position as companion, Christian Scientist preferred; reading aloud or secretarial; day-hour-week; references. Phone TRafalgar 7-0239. Box L-1, Room 1804, 270 Madison Avenue, New York City.

YOUNG MAN—Chauffeur; 14 years' experience; private and commercial; N. Y. C. preferred. Phone MEdallion 3-8343 (N. Y. C.) CRANSTON.

SITUATIONS WANTED—WOMEN

A LADY of refinement and culture desires a position where she can be of service. N. A. A., 535 Orange Street, New Haven, Conn.

CHILD'S NURSE, experienced caring for children from 1 to 6 years; excellent references. E. L. MORGAN. Laurelton 0829 (L. I.), N. Y.

COMPANION, governess, or mother's helper; well educated, experienced German, some English, French, music; references. Box G-5, Room 1804, 270 Madison Ave., New York City.

COMPETENT young lady desires stenographic-secretarial position at once. Box L-2, Room 1804, 270 Madison Ave., New York City.

GOVERNESS, mother's helper, experienced, good sewer, loves children; vicinity New York; references. H., 800 Runnymead Ave., Jenkintown, Pa.

SECRETARY, correspondent, expert stenographer; diversified experience including 3 years engineering experience; knowledge bookkeeping. Box S-2, Room 1804, 270 Madison Ave., New York.

STENOGRAPHER wishes position requiring unusual ability, initiative and energy; capable of handling sales promotion work. Box M-2, Room 1804, 270 Madison Ave., New York City.

WOMAN of experience wishes position as companion, children's nurse or governess; can travel. MISS JOSEPHINE FORNEY, Pulaski, Va.

YOUNG colored girl, 22, desires position, with Christian Scientists preferred. L. BURRELL, 302 Vernon Street, Media, Pa.

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Resident, non-resident studios, with or without bath. Large, teaching studios with bath $70 up, also rooms without bath $40 up.
Piano studios rented by the hour.
Telephones Lexington 8998 and 10125
Restaurant in Building. Excellent Food at Moderate Prices.

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Manager, H. R. Ferguson
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Remember your friends with a plant or a bouquet of beautiful cut flowers.
We have a complete variety to select from, and your orders will receive courteous and prompt attention.
GEORGE M. ROAK CO., *Florists*
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The Coal That Defies the Cold
Fill Your Bins with
CLEERCOAL
and Plan for a Comfortable Winter
AUBURN CASH FUEL CO.
COAL—WOOD—COKE
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SHOE, RUBBER and OVERSHOE REQUIREMENTS
Varney's Shoe Store
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Do You Desire to "Put Your Best Foot Forward"?
You can't do it if you are "down at the heel"!
Rubber Heels 50c—Lifts 35c
Men's Taps 90c—Women's Taps 70c
ROBERT W. VICKERY
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The RINES COMPANY
43 MAIN STREET
Women's and Misses' Wearing Apparel
Knitted Sport Suits, Hosiery, Gloves.
We endeavor to meet every demand of the perfectly gowned woman for all occasions.

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Exclusive Styles Always Moderately Priced With Personal Service
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All printed matter, from name cards, letter heads, billheads, envelopes, programs and window cards to and including small catalogs.
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Prest Finish is our new service which costs little, if any, more than Rough Dry or Machine Ironed, and yet gives you your clothing ready-to-wear and beautifully finished. The installation of new presses makes this service possible. Try it.
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We have a complete line of paint, varnish and wall-paper. We invite your inspection of our store, and will help you with your renovating problems.
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"The store with the Jade Green Front"

Lewiston Home Bakery
Bread—Pastries—Doughnuts
Baked Beans and Brown Bread on Saturdays
131 LISBON STREET, LEWISTON
(Auburn Home Bakery, 182 Court St., Auburn)

If You Haven't Tasted the Famous
RICHELIEU BRAND
Canned Goods, you have a surprise in store for you.
FOOD OF QUALITY, at the
BOSTON TEA STORE
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Because they are so attractive, so new and so splendid a quality we predict that you will like them. There are several styles for miss and matron, all made of quality Celanese Crepe. Richly trimmed, or severely tailored. They come in all sizes from 14 years to 44 bust.
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Portland, Maine
You can depend on the service you get at Carles', Maker of Fine Human Hair Goods of Every Description.

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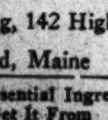
Gifts and Cards *Unique Jewelry*

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TAX CLUB
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It is not too late to join the Christmas Club
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BELMONT CENTRE
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PAYSON PARK
HARVARD LAWN

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SHOE REPAIRING ● ● HAT CLEANING
Shoes Colored to Match Dresses
PAPPAS BROS.
189 MASS. AVE. Opp. Clearway

J. M. Wasserman
LADIES' and GENTLEMEN'S TAILOR and FURRIER
CLEANSING, DYEING, ALTERING
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Sally MacKay
59 CLEARWAY ST., SUITE 1
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Open evenings by appointment

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for all occasions, pageants, masquerades, operas, etc.
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Historic Costumes for Plays a Specialty.
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Special Facial Work
Without use of hot or cold water.
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Roosevelt Beauty Salon
395 HUNTINGTON AVE., BOSTON, MASS.
Specializing in Eugene Permanent Waving—Marcel and Finger Waving—Haircutting—Shampooing—Manicuring—Facials

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Entire stock of dresses, gowns and sportwear reduced to bargain prices. You are invited to take advantage of this extraordinary dress sale. Open evenings.
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give thorough cleansing and satin smoothness
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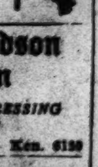
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236 Huntington Ave., Boston Ken. 6130

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"The Stores of Personal Service"

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(To Help You)
If the article which you need is not advertised in this issue of The Christian Science Monitor, call Advertising Records, COMmonwealth 4330.

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Start the Season right
with a
FREY'S Permanent Wave
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SALE
The HARVARDASHERY
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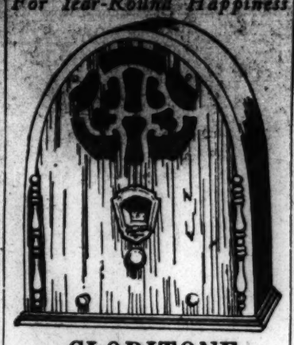

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DAILY FEATURES

One Minute Biographies.

Who: BRIAN BORU.

Where: Ireland.

When: Tenth to eleventh centuries.

Why famous: A mighty warrior hero, who rose from being a mere tribal king in the south to be "ardri" or chief king over all Ireland. Brian's father was a chieftain in Munster, and the two sons, Mahon and Brian, grew up to no occupation except that ever-present need of defending the province against the dreaded Danish invaders. Those intrepid pagans from the north would come sweeping across the seas in their swift vessels with high prows and many oars, pounce upon a defenseless Irish hamlet near the seashore or upon a monastic settlement in which were treasures—food, embroidered vestments, jeweled brooches. Again and again came the Danes until Christian Ireland was terrorized.

The royal house of Brian first came to be honored when the two brothers overthrew an enemy force which invaded their territory in 978. Then Brian, who alone remained of his family, made himself King of Munster, ruling at Cashel. For the next 25 years he concerned himself only with the affairs of his own people; but the time came when he forced the tribes of Leinster to acknowledge his rule, and, marching upon Dublin, where the Danes had settlements, subjugated them as well. Finally, Meath, Connacht and Ulster too came under his sway; all men paid him tribute. Brian had become King of Ireland in the year 1002.

However, in 12 years he had to face a new and dangerous invasion of the Danes. The enemy was 20,000 strong, but Brian had with him no inconsiderable force for that period. The battle was fought at Clontarf, at a place now within the bounds of Dublin city. The Danes fought in shining armor, while the Irish were still in their tunics. Brian's son was in command, but the King remained in his "shieldburg," outside the battle line. Although the Irish forces triumphed, Brian himself was found afterward—slain in the tent where he had sought the safety to which his long years of fighting had entitled him.

A Word a Day

Etiology

This is a variation of aetiology, a word which is derived from a combination of the Greek words αἰτία (aitia), "cause," and λόγος (logos), "discourse, description, speech."

We use the word to identify the science or doctrine of causes, the science of the origin or development of things.

E-ti-ol'-o-gy is accented on the third syllable; sound *e* long as in key, *i* as in *it*, first *o* as in odd, second as in *obey*, *g* as *j*, *y* as in *fancy*.

"By applying what they knew of etiology, the discordant condition was clearly traceable to fear."

Note: First choice in Webster's New International Dictionary is accepted as authority for pronunciation.—Editor.

Brevities

Detroit News: If a button is missing from the overcoat, we think of him as a bachelor. If he has all the buttons, but they are of different sizes, he's a veteran husband.

Punch: Fresh fruit by air is announced as an innovation. But Sir Isaac Newton was served this way over two centuries ago.

In Lighter Vein

The Maid's Lament

A maid in great bluster
Was using a duster,
And dusting a bust in the hall,
And when she had dusted
The bust it was busted,
The bust now is dust, that is all.
—*The Presbyterian.*

The maid in deep gloom
Then took up the broom
And swept the bust dust from the hall;
But she found as she swept
That notwithstanding she wept,
The bust was still dust; so why bawl?

Modernistic

My bathroom has all the colors of the rainbow. The tub is a delicate bird's-egg blue. The walls are a vivid red with quaint splashes of orange and old gold. The floor is a spotted and speckled affair in seventeen different hues. The faucets are green and the shaving cabinet is purple.

And it serves me right. I should have kept my eye on Junior and the home - painting outfit he got for Christmas.—*Judge.*

A Quotation for Today

EMPLOYMENT, sir, and hardships, prevent melancholy.—SAMUEL JOHNSON.

"I Record only the Sunny Hours"

Whistlin' Joe

Monett, Mo.

JOE KENNEY has been an engineer for many years and in railroad circles he is known as "Whistlin' Joe." He earned this title when he ran a fast mail train from St. Louis down into Oklahoma.

As the train skimmed over the rails this alert engineer sat at the throttle, leaning far out of the cab searching the track ahead and whistling, whistling, whistling. He always "double - whistled" for crossings. "Whistlin' Joe" was making it safe for the other fellow.

For a good many years now his work has been on other trains. Trains that stop, and trains that go slow as well as fast. But he has the whistling habit deeply fixed. He whistles, whistles, whistles as he tosses a book or a magazine into the yard of an isolated cottage, or casts the day's newspaper to a lonely man standing in the shade of a section house. Whistling, he tosses packages of flower and vegetable seeds to those along his route who have gardens, for at home he walks in a garden of his own.

One look into his face tells you that "Whistlin' Joe" is a courier of good cheer.

The Children's Corner

Huttee Boy Discovers "What"

AT THE head of the line of hungry jungle animals trotted Mistress Hippo at her comical hippopotamus gait. Straight across the belt of jungle stripped by the locusts cut wise old Mistress Hippo. Not for nothing was she mistress of the jungle school. Well did she know the tricks of every jungle creature. So she taught her pupils the wisdom of the jungle as none other could. All the animals following her now had been her pupils at one time or another.

And now the wisdom of the jungle clearly taught that if they would find a nice juicy meal of fruit and plants and leaves they must cut right across the path of the locusts. They must be sure not to follow the path of the greedy locusts. On either side of this path the jungle was as green and cool and shady as ever.

Huttee Boy watched Mistress Hippo trotting along at the head of the procession and said to himself, "My trunk! I wish Mistress Hippo would let me march at the head. It surely would be grand."

But he had already learned enough of the wisdom of the jungle to know that baby elephants were not wise enough to be leaders. He played he was leader, however, and this was almost as much fun.

He strutted along, flapping his big elephant ears and flourishing his long elephant trunk and imagined himself shouting:

This way, this way, all of you!
This way for a juicy vegetable dinner!
This way, bison, deer and shaggy gnu,
Squirrel, sloth and silly rhino,
Chimpanzee, giraffe and kangaroo,
Hippos, mice and tiny ant,
Follow Huttee Boy, you and you and you.

The young bison looked at Huttee Boy and asked, "What is the excitement? What is the big idea? What is it all about? What do you think you are doing?"

Huttee Boy felt foolish. He blushed a big elephant blush and mumbled, "Nothing. Get along with you!"

He stopped flourishing his trunk and flapping his ears and making up speeches. As he went stumping along through the hot, bare jungle, the questions of the young bison kept ringing in his ears. Suddenly he remembered that a few days before he had wanted four questions beginning with What. One What question for each of the four toes of his hind left foot. And here they were, four perfectly good questions each beginning with What.

"Thanks, young fellow, for those What questions. You are pretty bright to think of them," shouted the little elephant to the bison.

Grunted the young bison, "That's easy. There are more What questions than any other kind, that is, if you count the Whatuhlluh ones, too."

Huttee Boy popped open his small eyes, flapped his ears and twisted his trunk into a question mark and squealed, "That is new one to me. Whatuhlluh, whatuhlluh."

The bison turned its shaggy head in every direction and replied, "If you will listen you will hear Whatuhlluh questions all about you."

So Huttee Boy spread his big ears and listened.

And sure enough right over his head he heard a voice whimper, "Whatuhlluh eat? Whatuhlluh do? Sloths are the slowest moving creatures in the jungle. I can never crawl to the green jungle. O whatuhlluh do?"

Huttee Boy grinned and wound his trunk about a droll-looking little creature that hung from a bare branch and set it on the shaggy back of the bison. The sloth seized the shaggy coat of the bison with its toes and mumbling "Thanks" went to sleep.

A chorus of small voices came from every direction, whining, barking, squealing, crying, "Whatuhlluh eat? Whatuhlluh do? I am too small to go so far."

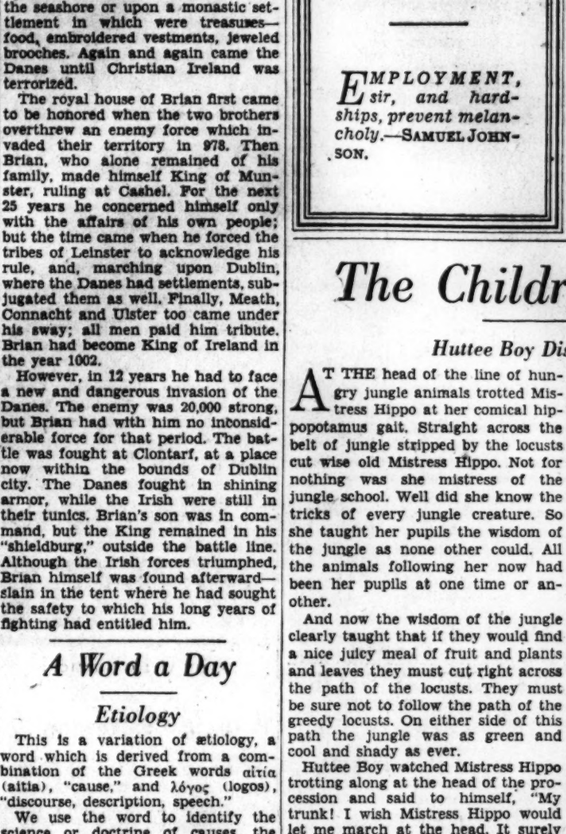
Answered Huttee Boy, "I'll tell you what you will do—as many as can hold on will ride on my back."

"And on mine, and mine and mine," echoed the bison and hippos and deer and other large animals.

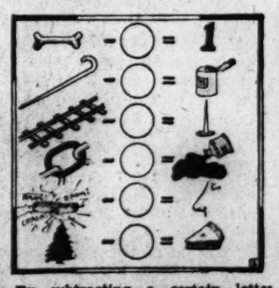
Madame Kangaroo offered to carry two squirrels in her traveling pouch between the twins, Kangar and Garoo. The monkeys that were not carrying their own children around their necks took chipmunks and no end of small creatures in their arms and went swinging from tree to tree across the bare strip of jungle.

And then it seemed no time at all till everybody was having a fine vegetable dinner. Then they all took a nap in the cool shade. When they woke up, each one made a note not to be greedy like the locust, but always to leave something for others.

The Diary of Snubs, Our Dog


Today Sponge was sitting up in a tree in the back yard and she meowed and said—"Come on up"
And I tried it and it was as easy as anything!
Of course the first thing I thought was, "Oh Boy! Don't I wish the Boss could see me now!"
And finally I barked a time or two to see if he were anywhere near-
And he was all right, because the next thing I knew he was saying—"Hey, Snubs—wake up and stop that dreaming!"

Subtraction Puzzle



By subtracting a certain letter from the names of the objects shown on the left, you can spell the names of the objects on the right. These subtracted letters, placed in the circles, will spell the name of a prominent city of Europe.

Key to Puzzle

Answers to Japanese Pagoda Puzzle: 1. Happy. 2. Black. 3. Sages. 4. Grove. 5. Cedar. 6. Grass.

THE CHRISTIAN SCIENCE MONITOR

BOSTON, FRIDAY, JANUARY 16, 1931 — *"First the blade, then the ear, then the full grain in the ear"* — PUBLISHED BY THE CHRISTIAN SCIENCE PUBLISHING SOCIETY

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The Editorial Board as constituted by The Christian Science Board of Directors for The Christian Science Monitor is composed of Mr. Willis J. Abbot, Contributing Editor; Mr. Roland R. Harrison, Manager of The Christian Science Publishing Society; Mr. James E. Patton, member of the Board of Trustees of The Christian Science Publishing Society, and Mr. Frank L. Perrin, Executive Editor. It is the duty of the Monitor Editorial Board to consider and determine all questions within the Editorial Department of The Christian Science Monitor, and also to carry out the stated policy of The Christian Science Board of Directors relative to the entire newspaper. Each member of said Editorial Board shall have equal responsibility and duty.

All communications regarding the conduct of this newspaper, articles and illustrations for publication should be addressed to The Christian Science Monitor Editorial Board.

EDITORIALS

The Farm Board So Far

ON JULY 15, 1929, the Federal Farm Board was constituted with the broad objective of placing American agriculture on a basis of equality with other industries. The world has been watching the experiment with unabated interest. Naturally, the immensity of the problem, which besets all modern states, precluded any quick solution. And the first year was unpropitious for any experiment in price-fixing, for the board came into existence on the eve of a world-wide decline in prices which had a momentum immeasurably stronger than any counteracting effort it could muster.

But the board has a distinct achievement to its credit in the impetus it has given to farmer organization. Agriculture is the last refuge of individualism in a world of increasing collectivism. Not only is this a great handicap, but, having a world market, most farm products are subject to world prices, which are at the mercy of all manner of circumstances. Moreover, the time-lag between planting and marketing besets the farmer with risk and speculation.

For these reasons organization offers the best insurance of a fair monetary return for agriculture. Accordingly, the constructive activities of the board have centered in building up coöperative marketing associations. For that work it is entitled to much credit.

The Farm Board has constantly advised the reduction of acreage so as to reduce the possibility of surpluses which drag down prices. In the meantime it has elected to tackle the price problem created by these surpluses. Subsidiary to the organization of coöperatives, the end sought by Congress, in the interpretation of the board, is to moderate or eliminate "undue and excessive" fluctuations in prices. In other words, the board should act toward agriculture as the Federal Reserve System acts toward the money market—as a cushion for the shocks of severe readjustments. For this purpose it was endowed with a revolving fund of $500,000,000. It has used all but $100,000,000.

The cushioning of the shock of falling prices by loans to farmers on wheat was supplemented by the entrance into the market of the Grain Stabilization Corporation, which, together with the coöperatives affiliated with it, held control at the end of the first year of a quantity of wheat equal to approximately one-half of the visible supply. On June 30 it owned over 60,000,000 bushels of wheat and futures, and today holds more than 120,000,000 bushels, acquired at substantially higher prices than prevail at present.

As in wheat, so in cotton, and with the same results. Cotton prices are now around 9½ cents a pound, as compared with nearly double that amount, or 18½ cents, in August, 1929. Cotton operations of the board went through the same phases as its wheat operations—from loans on a 16-cent basis to the establishment of a stabilization corporation to withdraw cotton from the market.

On the basis of these two major activities much questioning has arisen in many quarters as to whether this agricultural cushion is worth the price that will probably have to be paid for it. No lack of sympathy for the position of agriculture is involved in these doubts. The point is: Is this the right way to put agriculture on a basis of economic equality with other industries?

It is true that so far the operations of the Farm Board have been conducted in the teeth of a business depression. Yet the lesson of experience is that price-fixing as applied to commodities having a world market is economically unsound and socially unwise. British and Brazilian valorization of rubber and coffee, respectively, are outstanding signposts of the course that seems destined for American wheat and cotton as long as a world market is desired for these commodities.

Do You Mean "Snob," Professor?

JUST what is a "snob"? Prof. Robert E. Rogers of Massachusetts Institute of Technology seems to have found a recipe for getting into newspaper headlines by repeating with variations his advice of a year and a half ago to a Technology graduating class: "Be a snob."

Most recently he is quoted, in an address at the Young Men's Hebrew Association Forum in Lawrence, Mass., as repeating his invitation to college men and women, and anyone else who may wish, "to go in for snobbery in a big way." One is constrained to wonder, however, whether Professor Rogers means what he says—whether this professor of English is using the English language in its accepted meaning. A standard dictionary defines a "snob" as "one who has an excessive and vulgar or mean regard for wealth and social standing, and who affects the manners or station of those of superior rank." To substitute another portion of the definition in his phrase, would Professor Rogers urge one of his students, "Be a vulgar, ostentatious person!"?

The fact is that Professor Rogers assumes to make his own definition of a snob. To him the word means, as he said recently in New York, one who "deliberately tries to improve himself in speech, manners, social contacts and achievements, as seen from below." There is some merit in his arraignment of a pseudo-democracy which scoffs at self-improvement, but does the remedy lie in the direction of snobbishness?

The unfortunate part about the effect of Professor Rogers's remarks is that nine out of ten persons will consider them in the light of the dictionary definition of snobbishness, or of the frequent popular usage which implies disdain of those of supposedly lower social standing, and will remain unaware of the professor's own private definition of his shibboleth.

Certainly all should use their educational opportunities to build up a higher individualistic type of society. But to suppose that this can be done by an "enlightened selfishness" which includes in large part "mixing with the right crowd" is to miss the point of true culture and true greatness.

These have in them one primal requisite which is the diametric opposite of snobbery. That requisite is humility. Without humility—and by no stretch of verbal gymnastics can snobbery be made to include it—the aristocracy for which Professor Rogers pleads becomes a reign of empty egotism, and the would-be "enlightened selfishness" remains the usual darkened and darkening variety. Countless instances in human history, of which Professor Rogers is also a teacher, confirm this fact and furnish examples—from Einstein, Edison, Tennyson, Lincoln, Franklin and Erasmus, to name only a few, back to the Great Teacher himself—in support of the precept, "Whosoever will be great among you, shall be your minister: and whosoever of you will be the chiefest, shall be servant of all."

"Staggered" Hours—in Three Acts

ACT ONE

SCENE ONE—A large industrial plant. Eight o'clock. Street cars, jammed to capacity, arrive in close succession. Workmen rush for the time clocks . . . Automobiles compete for parking space. Bells clang . . . Eight o'clock . . . Time to be on the job!

Scene Two—The building of a firm which "staggers" its hours. Eight o'clock. Revolving doors. Workmen arriving. Eight-fifteen . . . Workmen, clerks, and a few stenographers. Eight-thirty . . . more workmen, more clerks, more stenographers. Eight-forty-five . . . nine o'clock . . . still the doors revolve . . . slowly . . . easily . . .

ACT TWO

Scene One—A restaurant in a metropolitan financial district. Noon. Milling hundreds in quest of luncheon. Stock brokers. Ten times as many clerks. Fifty times as many stenographers. Speed . . . rush . . . hurry . . . "Waiter . . . O, Waiter!"

Scene Two—The same restaurant. Two o'clock. A table in the corner. The one man who realized that he could avoid the rush by "staggering" his own luncheon hour, enjoys his repast in quiet and serene surroundings.

ACT THREE

Scene One—A main thoroughfare near the city limits. Five o'clock. One traffic officer. One million (more or less) automobiles. Big cars. Little cars. Limousines. Trucks. Trucks with trailers. Jam . . . congestion . . . "Honk . . . Honk . . . Hooonnnk!"

Scene Two—The same street. The next day. One hour earlier. One traffic officer. Two cars inbound. One car headed home, the driver having discovered that he could avoid the rush by doing a little "staggering" of his own.

Closing a Controversy

THE CHRISTIAN SCIENCE MONITOR on July 7, 1930, in an editorial article headed: "The Foreign Attack on Prohibition," commented upon certain statements made by the London Observer as to the activities of the "International Wine Office, which is made up of representatives of the Governments of Spain, France, Greece, Hungary, Luxembourg, Portugal and Tunis." In the course of this editorial the Monitor said:

> The minutes of the organization show that it is in touch and coöperating with the American Association Against the Prohibition Amendment. Is it not pertinent to inqure into the propriety of such an alliance?

The Monitor's reference was to minutes of the International Wine Office of the 18th and 19th of December, 1929, which read in part as follows:

> The International Wine Office keeps in close touch with the International League Against Prohibitions in order to organize a united front of the governments of all the wine-growing countries against the dry régime. . . .
>
> In so far as regards the United States, the Association Against the Prohibition Amendment has published a series of reports, from which we propose to publish copious extracts in later numbers of the Bulletin International du Vin, and which show the deplorable results of the introduction of the dry régime in the United States from the point of view of public health as well as from the moral and social standpoints. . . .
>
> M. Douarche: . . . "I should like to complete my report upon one point: I received yesterday a long letter from the president of the Association for the Modification of the Volstead Act, who sends me the text of a bill laid before the Congress of the United States. This bill will be submitted to the Senate and the House of Representatives after the vote on the tariff law.
>
> "To show that it is not a question of a political but of a moral campaign, this bill will be presented in one House by a Democrat and in the other by a Republican.
>
> "This bill affects both wine and beer. Beer would be admitted up to a limit of three degrees alcohol and wine up to thirteen degrees."

Henry H. Curran, president of the American Association Against the Prohibition Amendment, has called our attention to the fact that, although the International Wine Office proposed to publish extracts from reports made by his association, this does not show coöperation between them, and that although M. Douarche, of the International Wine Office, may have received a long letter from the president of the Association for the Modification of the Volstead Act, this has nothing to do with the Association Against the Prohibition Amendment; and Mr. Curran has written the Monitor that he has "no knowledge of any such coöperation" between the International Wine Office and the American Association Against the Prohibition Amendment, and further that he is "certain that there is no such thing."

We are glad to accept his statement, and it is our hope that this status will continue.

Settlement Without Strikes

A USEFUL example, that might well be followed widely in the promotion of industrial peace and good will, is that disclosed by recent discussion of the career of William N. Doak, the new Secretary of Labor of the United States. It appears that during long service as official of the Brotherhood of Railroad Trainmen, he settled many disputes, but without once having to call a strike.

There was a time when it would have seemed inconsistent to think of organized labor without strikes, but Mr. Doak, in common with other officials of the so-called "Big Four" brotherhoods, consistently eschewed the strike weapon for bringing employers to terms. Mr. Doak, as head of the trainmen's union, always made certain that he had reasonable ground for his claims or requests before approaching the employers.

"Except as a last resort in extreme cases," he says, "the strike should never be used, for it is essentially wasteful, anarchic and in the end necessarily hurtful to all concerned."

As a vital industry in which the relations of worker and employer have presented some of the most puzzling and deep-seated problems in the history of organized labor, the railroad business offers a valuable medium for proving the needlessness of strikes. That disagreements have been settled without serious impairment to service, and with a minimum of hard feeling, is a tribute to the ability, foresight and fairness of leaders on both sides.

"The Sky's the Limit"

THERE is one industry depression has not hit. Careful analysis of the business of the astronomical mills during the last year fails to reveal anything like a slowing up. The astronomers have been working overtime. Night and day, Sundays and holidays, they have been steadily engaged in turning out a volume of product that will compare favorably with that of any other year in the history of the industry. Not only have they filled the market with a new and attractive display of astronomical facts, but they also have developed a group of larger and more handsome theories.

The astronomical industry has been very productive in many ways. It has erected one new planet in the solar system, the first in a great many years; produced a varied and attractive assortment of comets, tailed, tailless and otherwise; found some 18,000 or more brand new Milky Ways; probed the skies for several millions more miles than ever before; harvested 1,000,000,000 or so ordinary stars; straightened out some of the sun's peculiarities; made a special study of such of the earth's eccentricities as the funny little wabble which was disclosed recently, and started work on measuring the universe.

Other trifling jobs have been undertaken by the astronomers. They have promoted an eclipse or two, begun a map of the moon, classified a few asteroids, chased a horde of nomad Leonids away from the earth and held a convention with the Perseids. And during odd moments they have been engaged in making preparations to give old Eros a proper kind of reception when it reaches its nearest point to the earth for thirty years in the latter part of this month. All the astronomical factories in the world are said to be especially interested in this event, and some sort of an astronomical yell, such as "E-R-O-S, E-R-O-S, E-R-O-S, EEEEROS!" may be used as a special greeting when the celebrated old star dips its colors in passing.

On the whole, astronomy seems to be a rapidly expanding business. Certainly it is helping to expand human thought.

British Film Censorship

FOR the time being the British Home Secretary has decided to take no action to reorganize the basis on which the censorship of the films is exercised in Great Britain. Yet the present position is so anomalous, and dissatisfaction with it is so widespread, that the question of film censorship cannot indefinitely be left where it is.

The sole authority for licensing plays is vested in a court official known as the Lord Chamberlain; but there are two sets of authorities concerned with the licensing of films. One of these is the National Board of Film Censors, which examines and reports on every moving picture which it is proposed to exhibit in Britain; the other is the local municipality. A curious feature of the situation is that the decisions of the National Board of Film Censors are not legally enforceable: they are recommendations only, which the local authorities, who are thus the real wielders of the censorship, can accept or refuse at their discretion. Moreover, the municipalities enjoy the right of censorship only because films are inflammable material. Should moving pictures be generally produced on anything that was not, like celluloid, inflammable, the whole fabric of film censorship in Britain would collapse!

The result of the present state of the law is that the incidence of censorship is by no means uniform throughout Britain. Films which can be freely exhibited in one town may be forbidden in a neighboring city which has a municipal council of different views. Certain Socialist councils, for example, permit, while some Conservative councils forbid, exhibition of the Soviet films which the National Board of Film Censors has banned, although it would seem that, if these pictures do really excite revolutionary tendencies, it is precisely in Conservative districts that they would have least effect. Thus it is where they are most likely to influence their audiences to disorder that they are being exhibited!

A second consequence of the dual control of film censorship is that some pictures which the national board considers suitable for adults only the local authorities allow to be shown to children, and there is a strong feeling that this practice should be stopped. On the whole, therefore, it would seem, film censorship, if it is necessary, should be vested in a national body.

Editorial Notes

Figures on increases in literacy, definite indications of progress in educational methods and facilities, are always worthy of special note. New Hampshire is the latest to report a reduction in the number of illiterates, the decrease being from 4.4 per cent ten years ago to 2.7 today.

The claim to national recognition of the University of Notre Dame, South Bend, Ind., has been strengthened by Knute Rockne, coach of its unbeaten football team, who says his varsity can hold its own in a classroom test with any other eleven in the nation.

What an improvement on "position wanted" was made by the New Yorker who recently advertised "an opportunity for some employer"!

Let us make our troubles "miniature"!

"No Great Changes," Said Peter Pan

I CAME across him in Kensington Gardens, London, near the old Kensington Palace, where the Duke of Wellington and some more Cabinet Ministers of the British Government once went to interview a slim, gentle girl of eighteen, to tell her that she had become the Queen of England—thus beginning the wonderful Victorian reign that lasted more than sixty years.

I did not know I was thinking aloud, but I suppose I was musing deeply and I must have muttered my thoughts: "How tremendously things have changed since that girl of eighteen ascended the throne! Great changes—"

"Do you think so? I don't," came a blithe, boyish voice from somewhere.

I looked across the greensward and about among the bare wintry boughs of the trees. For a moment I could hear nothing but the distant, almost inaudible, rumble of that multitudinous roar which is the traffic of London.

Then I saw him.

"Hullo, Peter!" I said, "so it is you who differ with me about the changes."

"Yes, I do," he answered with a merry laugh.

Peter Pan stood in his position in the garden where he was placed as a permanent monument, and I longed to hear more of his thoughts on this question of "change."

"What do you mean, Peter's saying that there have not been great changes?"

"Changes, yes. Great changes, no."

"Oh! But we needn't go so far back as 1837 and the accession of Queen Victoria. Take the last month before the World War, July, 1914. That's only sixteen and a half years, and almost everything's changed."

"I haven't noticed it," smiled Peter Pan.

* * *

"Now, 'pon my word, Peter, you really astonish me. Of course, I know that when J. M. Barrie invented you and wrote his play about you, which since then has delighted so many millions in America and Britain, he named it 'Peter Pan, the Boy Who Would Never Grow Up.' But I didn't expect that you would be so little grown that you wouldn't have noticed that almost everything is changed."

"Not anything that matters."

I stared at him.

"I don't know what to make of you, Peter. Haven't you noticed that London, New York, Paris, Berlin, and lots of other places are about ten times as noisy as they were in July, 1914! That motorcars, then in England almost the exclusive possession of the rich few, are now owned by almost everybody; that the prices of lots of things are nearly doubled; that England is still suffering from the legacy of war debts; that we have 2,000,000 unemployed and great depression in trade—"

"Well, what of it?" he said—almost contemptuously, I thought.

"Don't haven't you noticed that while in 1914 there were no talkies, no television, no passenger airways, no transatlantic telephony, scarcely any electrified railways, no short skirts, no shingled hair, and little or no lipstick, that—er,—well, in fact—er—that progress in the last few years has been something gigantic?"

"Where?"

"Everywhere. Why, even the Chinese are walking about in lounge suits and soft felt hats, and have been made members of international conferences, and also since 1914 women have become, not only voters, but M. P.'s!"

"How many?"

"Well, there is one woman M. P. to every forty men M. P.'s in the British Parliament."

"That's something," he said. "Of course, that's something."

"Ah, I see. You really have begun to grow up, Peter!"

Kensington Gardens rang with a little cascade of boyish laughter.

"I don't deserve the compliment," he said, "and I don't need it. And it's not necessary for me to grow up any more than my pal, James Matthew Barrie, meant me to. No need to grow up, for me to be able, as I did just now, to break in on your musings and argue against your remark that there had been great changes. Don't run away with that great change idea. There have been changes, if you like to call them changes," he said with a careless air and a gay wave of the hand toward the outsides of the park where the iron railings formed a puny, but effective, breakwater to the turbulent tides of London. "Yes, there have been some trivial changes, but there has been no change since July, 1914, or since 1837, in the things that matter."

I stared at Peter Pan and pondered.

"No change in the things that matter. . . ."

"Gives you a bit of a jolt, doesn't it?" he said with a friendly laugh that seemed like a blend between a pat on the back and a dig in the ribs.

For a few moments Peter Pan's serene gaze seemed to ramble calmly round the greensward, up toward the old demure Kensington Palace, the placid house that looks like a solid, comfortable English country manor that has been enlarged. Then his gaze seemed to take in the boughs of the trees, the big pond where in summer time the children sail their white-winged toy ships, and turned toward the restless rivers of traffic—buses, automobiles, lorries, taxi-cabs, motor bicycles, horsed vans, buses, buses, buses, and more buses, and more thousands of buses.

* * *

"Change!" he said with a smile. "Take 1837, when that girl of eighteen began her sixty years' reign. Steam engines, automobiles, gramophones, Aquitanias, Bremens, overseas telephones, television, talkies—what of it? Not even ripples on the sheeted surface of the pool of true human experience."

He paused. There was quiet save for the winter song of a thrush, the occasional snack of a fragment of the edge of an Atlantic storm through the bare winter boughs of the trees, the subdued distant rumble, the muted roar of London. I stood silent. I wanted Peter Pan to speak further. He did:

"Have the essentials of the home changed?" he asked. "Has the hope of youth changed? Have the silver reaches of the River Thames where the green lawns or the undulating woods meet its banks in beauty—have they changed? The good red tan on the hale face of the country worker, has that changed? Has the music of Beethoven, the surging might of Wagner, the majesty of Shakespeare, the enthusiasm that lights the eye of young men and maidens emerging from childhood to conquer the dragons of the world—has that changed? James Russell Lowell, in his poem 'The Courtin',' spoke of the time when Zekle's heart went pity-pat, but hers went pity Zekle; and telling of the color that suffused her cheek, that splendid American poet and thinker who became Minister of the United States to the Court of St. James's, wrote:

> A dog-rose blushin' to a brook
> Ain't modester nor sweeter.

Has that changed?"

I had no reply. I thought of the advantages of progress, and I thought, too, of the words of G. Bernard Shaw, which he put into the mouth of a millionaire in one of his plays, to the effect that the richer a man is, the larger the number of people he is dependent upon. Much food for thought!

"Well, Peter," I said, "there's a great deal in what you say."

He smiled, a friendly little smile, a smile of happiness.

"Quaint title my pal Barrie gave me, wasn't it," he said with a silvery laugh, which seemed to have a deep note of feeling in it. "'Peter Pan, the Boy Who Would Never Grow Up.' You know, if I may say so," he added with a gesture of the arm toward the outer world, "the trouble with lots of people is that they're a jolly sight too grown up."

These words went with me as I walked out from the trees and the greensward of Kensington Gardens to plunge once more into the restless multitudinous roar that is London.

C. T. K.

From the World's Great Capitals—Berlin

BERLIN

THE working committees of the Berlin Police Depot issued an appeal to the entire force to contribute toward a Christmas fund for the out-of-works. The appeal was couched in very warm and sympathetic words some-

Holiday Fund for "Out-of-Works"

thing to the following effect: In consequence of the general economic depression there are over 3,000,000 unemployed in Germany and, unhappily, a prospect of more as the winter advances. Governments and municipalities are leaving no stone unturned to mitigate the distress and we in Berlin must do our bit also. It is the task of the police to enforce quiet and order, and it is they who come into closest contact with the people. We do not want to punish; we want rather to help our brothers in distress and so we call upon all our colleagues, from the highest to the lowest, to contribute his mite to this end.

* * *

A Restaurant in Heidelberg!

The leading intelligentsia of Berlin and other parts of the country are up in arms against what they consider an act of vandalism—nothing less than the prospective opening of a restaurant and café among the ruins of the castle of Heidelberg. It appears that the existing eating house, situated far below the castle, has not been very remunerative of late years and, Heidelberg as well as the whole Baden State being, like most places, in need of funds, an enterprising innkeeper proposes to open a new restaurant on a large scale in what was formerly the castle chapel. These ruins, part of them dating from the fourteenth century, are perhaps the finest in the whole of Germany, and those who have admired them in their romantic surroundings and seen the magnificent view from the terrace over the Rhine Valley will readily understand and appreciate German sentiment in the matter. A vehement protest, signed by more than 200 prominent Germans, including Thomas Mann, Gerhart Hauptmann, and Wilhelm Furtwängler, has been sent at the instigation of the professors of the Heidelberg University to the government of the State of Baden.

* * *

The Springtime Flowers of Fall

The amazingly warm month of November which so agreeably shortened the rigorous Berlin winter was productive of many wonders of nature. In sheltered spots flowering plants were tempted by the warm sunshine to put forth and even open blossoms that would have done credit to April. On the writer's balcony an entirely new petunia, whose seedling had lain dormant in the soil, sprang up and quickly developed a wealth of fresh foliage. In the parks the birds, regardless of the fact that Christmas was almost at the door, revived their spring repertory and warbled joyously all day long, But perhaps the greatest wonder of all was a fine ripe strawberry that greeted the owner of a garden near Berlin on the morning of December 1.

* * *

Flying by Night to Be Extended

The Luft-Hansa's activities will relax but little during the winter season, which lasts till March 1. The program shows the uninterrupted maintenance of the express services to eighteen traffic centers in Germany and to eleven abroad. Already there is a small increase observable in the distance covered daily—13,700 kilometers as compared with 11,600 last winter—but everything possible is being done to increase the winter traffic yet more. The tariffs on the routes within Germany are 20 per cent lower than in summer, and if a return ticket is taken the price is still lower, bringing it approximately to the same as the second class fare on the railway. On one new and important route—Stuttgart-Geneva-Marseilles-Barcelona—the service of which operates in winter, the terminus has been moved from Basel to South Germany, which is considered of great advantage for cargo traffic. Night flying is being extended during the winter, and for this only the large planes are used that are well equipped in the matter of heating, wireless, and other conveniences and safety devices. As soon as the winter sports are in full swing there will be an increased service to all "snow centers."

Letters to The Christian Science Monitor

Brief communications are welcomed, but The Christian Science Monitor Editorial Board must remain sole judge of their suitability, and this Board does not hold itself or this newspaper responsible for the facts or opinions presented. Anonymous letters are destroyed unread.

Another Wonder Child

TO THE CHRISTIAN SCIENCE MONITOR:

Apropos of the interesting story of Pet Marjorie, which appeared on the children's page of the Monitor for November 10 last, I wonder how many of your readers have read the account of the attainments of his son, Richard, as given by John Evelyn in his well-known Diary? It occurs under date of Jan. 27, 1658, and is far too long to quote in full. He speaks of "my dear son Richard . . . 5 years and 3 days old onely, but at that tender age a prodigy for wit and understanding . . . at 2 years and halfe old he could perfectly reade any of the English, Latin, French, or Gottic letters . . . learned out Puerilis . . . could make Syntax, turn English into Latin and vice versa," etc., etc., for many lines. Then: "As to his piety, astonishing were his applications of Scripture upon occasions and his sense of God: he had learned all his Catechisme early and understood the historical part of the Bible and New Testament to a wonder. . . ." Anyone interested in wonder children will find these two pages of the famous diary most fascinating.

Brighton, Eng. GRACE E. MITCHELL.